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2000 Ontario Road Safety Annual Report

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FOREWORD

Road Safety Programs and Initiatives

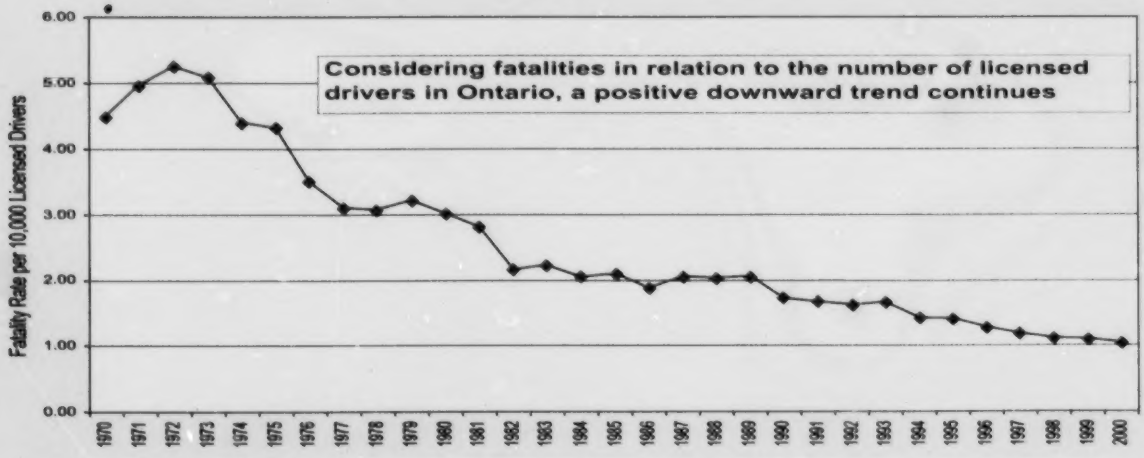
The *Ontario Road Safety Annual Report* (ORSAR) provides an overview of road safety in the province. Since the 1950s, statistics have been compiled, providing an annual snapshot of collision rates, fatalities and injuries. From these yearly statistics, comparisons can be made and trends identified.

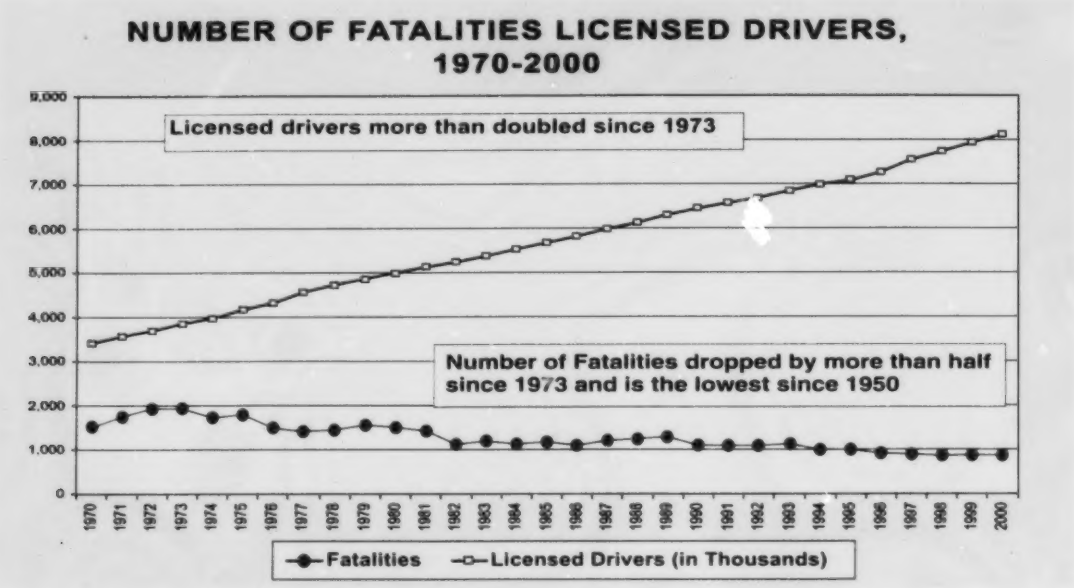
Today, Ontario is the home to more than 8.1 million licensed drivers and that number is growing by 2.9 per cent* every year. As well, more than 7.2 million registered motor vehicles operate in the province and this figure is increasing by 2.3 per cent* annually. The tremendous growth in licensed drivers and vehicles in the past 30 years makes it challenging to maintain and improve road user safety.
**Based on average annual growth rate over the past five years*

As shown in the charts below, although the number of licensed drivers has doubled since 1973, the number of road fatalities has dropped by more than half. In fact, in 2000, there were 849 traffic fatalities on Ontario's roads, 150 fewer than in 1995 and the lowest number of fatalities since 1950. As well, the number of drinking and driving fatalities has also decreased by about 28 per cent between 1950 and 2000.

To understand the breadth of our Road User Safety Program, consider that in an average week the province administers about 11,000 written tests, 14,000 road tests, 2,500 commercial vehicle and driver inspections, and answers 12,000 telephone calls.

FATALITY RATE PER 10,000 LICENSED DRIVERS, 1970-2000





Key Findings

Ontario had the safest roads in Canada and the second safest in North America, as measured by fatalities per 10,000 licensed drivers in 2000. This is the 12th consecutive year of improvement in the province's fatality rate, a key measure of overall road user safety.

The province's safety excellence is due to the concerted efforts of many partners. Ontario has strong support form the policing community and a broad network of stakeholders, including anti-drinking and driving groups, the medical community and others. The combined efforts raise public awareness of road issues and encourage improved driver behaviour and attitudes.

Safety Matters

A number of initiatives have contributed to improvements in road safety.

In 1976, Ontario became the first province to make seat belts mandatory. According to Transport Canada's annual seat belt survey, Ontario's seat belt usage rate of 92.5 per cent is the highest in the country. Still, many Ontarians do not regularly buckle up. This is particularly worrisome because in fatal collisions one-third of casualties don't have seat belts on.

The province is promoting seat-belt campaigns to increase public awareness. Its Seat Belt Challenge, for instance, has garnered thousands of volunteers who monitor the number of drivers wearing seat belts. Our program complements Transport Canada's annual survey and coincides with Operation Impact, a national 24-hour blitz by police services that targets high-risk drivers and passengers not buckled up.

Transport Canada estimates that for every one per cent increase in seat belt use in Ontario, five lives are saved. The ministry's goal is for 100 per cent compliance – nothing less.

Another key safety issue is child car seats. It's estimated one-third of child car seats are not installed correctly. In 2001, the province held its first "Love Me, Buckle Me Right" day at 92 car seat clinics across the province to demonstrate to parents and caregivers the proper way to buckle in their children.

In 2000, about 250,000 collisions occurred in the province, resulting in 849 fatalities. That same year, 227 people died in drinking-and-driving collisions.

We know that even one impaired driver on our roads is one too many. That is why Ontario is taking an aggressive stand against drinking and driving and implementing an ignition interlock program.

The ignition interlock initiative complements a number of programs already introduced by the province targeting impaired drivers.

As of December 23, 2001, individuals who commit a drinking and driving offence under the *Criminal Code (Canada)* and are convicted will be subject to the ignition interlock program. After serving the current provincial sanctions, including licence suspensions and mandatory remedial programs, those who are eligible to have their driver's licence reinstated will have an ignition interlock condition placed on their Ontario driver's licence for at least one year. The device must be installed in any vehicle the offender drives while the condition is on their licence.

Ontario has introduced some of the toughest drinking and driving measures in North America, including the Administrative Driver's Licence Suspension program, increased suspension periods for repeat offenders, a mandatory alcohol assessment and education/treatment program, and 12-hour roadside suspensions.

As well, there's zero tolerance of alcohol for novice drivers and stiffer fines and vehicle impoundment for those who continue to drive while suspended for a *Criminal Code (Canada)* driving-related offence.

Ontario Advisory Group on Safe Driving

With our *Action Plan for Safer Roads*, spurred by a series of fatal collisions on the London to Windsor corridor along Highway 401, the province is striving to make further advances in road safety. From this, the Ontario Advisory Group on Safe Driving was formed, with representation from transportation industry associations, medical and enforcement communities and various road user safety organizations.

The Advisory Group was established to make recommendations on the quality, effectiveness and responsiveness of existing and new road safety measures. It identified eight priority areas that are helping to guide the Ministry of Transportation's (MTO's) road user safety programs. These are:

- Driving while impaired;
- Driving at excessive speeds;
- Driver inattention;
- Driver compliance with road conditions;
- Driver fatigue;
- Poor lane discipline
- Tailgating; and
- Sharing the road with large commercial vehicles.

In addition to concerns expressed by the Advisory Group, the public is increasingly worried about aggressive driving. It is estimated that one-third of drivers involved in collisions had been driving aggressively. This includes speeding, tailgating, weaving in and out of traffic and disobeying traffic controls.

As noted earlier, Ontario Provincial Police and other police services across the province continue to play a pivotal role in raising awareness and educating the public about safe driving practices. The police have been successful in attracting public attention that, in turn, can be applied in the development of public education awareness campaigns. Toronto police, for example, look at programs such as the Fall Seat Belt Campaign and measure its success by looking at awareness, compliance and reduced injury and fatality rates, and not by the number of tickets issued.

Police also have a strong presence at the Road Safety Challenge, a community event that encourages residents and road user safety groups to work together to make Ontario's roads safer. Last year, 35 groups from across Ontario took part in the nine-day event that provided them an opportunity to form partnerships with police, public health agencies and government.

	2000	Ontario Road Safety Annual Report		x

Ontario believes that traditional enforcement for infractions such as speeding is the best way to curtail such behaviour. However, the province has also supported six Ontario municipalities in launching red light enforcement pilot programs that target red light running, augmented by freeway message signs and radio ads. In addition, Ontario continues to address aggressive driving through public education in cooperation with community-based partners.

We have made significant improvements with our driver testing system especially with beginner drivers. Since the province's Graduated Licensing System (GLS) for novice drivers was introduced in 1994, beginner drivers must complete a two-step process that gradually extends their privileges and tests their on-road skills twice. A 1998 study shows that novice drivers under GLS had a 31 per cent lower collision rate than novice drivers prior to GLS.

Commercial Vehicles

Ontario has some of the toughest trucking laws in North America. The province continues to achieve positive results through incentives, deterrents and a highly visible presence on its roads.

During the 2001 RoadCheck, a North America-wide, random three-day truck inspection blitz, enforcement officers found fewer safety defects per vehicle than in the previous year. About 88 per cent of vehicles examined either passed inspection or displayed a recently affixed safety inspection decal. This was two per cent better than the national average of 86 per cent.

MTO has made an ongoing commitment to more frequent monitoring of commercial vehicle driver logs to address driver fatigue, with increased targeted and random auditing.

In 1998, Ontario became the first jurisdiction in the world to impound commercial motor vehicles for critical safety defects. To date, more than 800 commercial vehicles have been impounded, the majority being semi-trailers found with brake defects.

Another initiative – The Carrier Safety Rating (CSR) program – was introduced in 1999. CSR assigns a safety rating to truck and bus companies based on their safety record. This rating is based not only on the carrier's on-road safety performance, but also on safety audits conducted on the premises. This rating is used to inform shippers, insurers and the public of the carrier's overall safety performance. Companies with good safety records stand to enjoy more business opportunities and decreased insurance premiums.

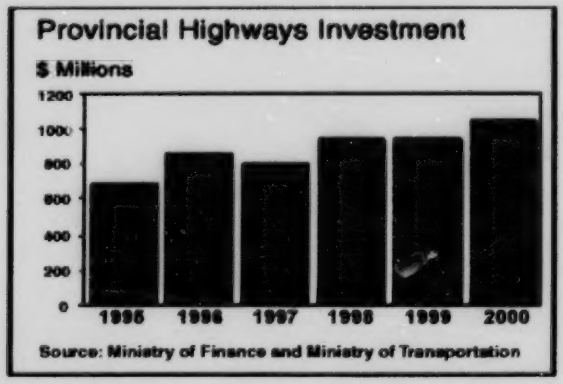
One of the most recent steps the province has taken to improve road safety is to require all truck trailers to be marked with reflective tape, making them more visible at night.

Infrastructure

The province is addressing transportation needs with a vision for developing an integrated, efficient and safe transportation system.

In the fall of 2001, Ontario announced a new, far-reaching vision for transportation, designed to take Ontario to 2010 and beyond. Both highways and transit will play a key role. The plan includes a $10 billion target for provincial roads and a $9 billion target for transit expansion and renewal.

Since 1995, Ontario has invested more than $6.5 billion in highway projects. Indeed, the province made a record $1 billion capital investment in highways in 2000. Funds were designated to reduce congestion along major highways in urban areas and along international trade corridors, for repairs to existing highways and to expand northern roads. Today, provincial highways are in the best condition since the mid-1980s.



Ontario is also promoting leading transportation technology. By using technology to assist the flow of traffic, by investing money in Ontario's infrastructure network and by expanding transit systems, the province is advancing safe and efficient transportation.

As part of its road improvements, new design features have been incorporated to enhance driver safety. These include reflective pavement markers, the Advanced Road and Weather Information Systems (ARWIS), median barriers, paved shoulders, rumble strips and improved reflectivity for signing. Rumble strips also have become a routine part of all freeway-paving contracts in Ontario.

Major updates of the ministry's *Geometric Design Standards Manual* and the *Roadside safety Manual* were initiated in 2001.

The new Book 7 of the *Ontario Traffic Manual* series specifically addresses safety in construction zones and is being used by MTO construction and maintenance staff and contractors. The manual covers traffic control in all highway work zones, and incorporates research and development and best practices from other jurisdictions. It will also set out improved safety guidelines for speed control, traffic signs and pavement markings.

In April of 2001, the province announced it will work with municipalities to re-establish a consistent, driver-friendly system of designation for provincial and municipal highways. The ministry is working with the Ontario Good Roads Association on this initiative.

Conclusion

Ontario's approach to road user safety, supported by stringent laws and delivered in partnership with police services and safety groups, is making our roads safer.

Not only does Ontario have the safest roads in Canada, it also has the second safest roads in North America. And the province fares exceptionally well compared to other international jurisdictions.

These results are due in large part to key safety programs such as our Graduated Licensing System, Administrative Driver Licence Suspension program, vehicle impoundments, R.I.D.E. programs and public education programs. They are the cornerstones of our road safety program.

We remain committed to raising public awareness of road safety issues to encourage changes in driver behaviour and attitudes. We strive to continually improve our safety record.

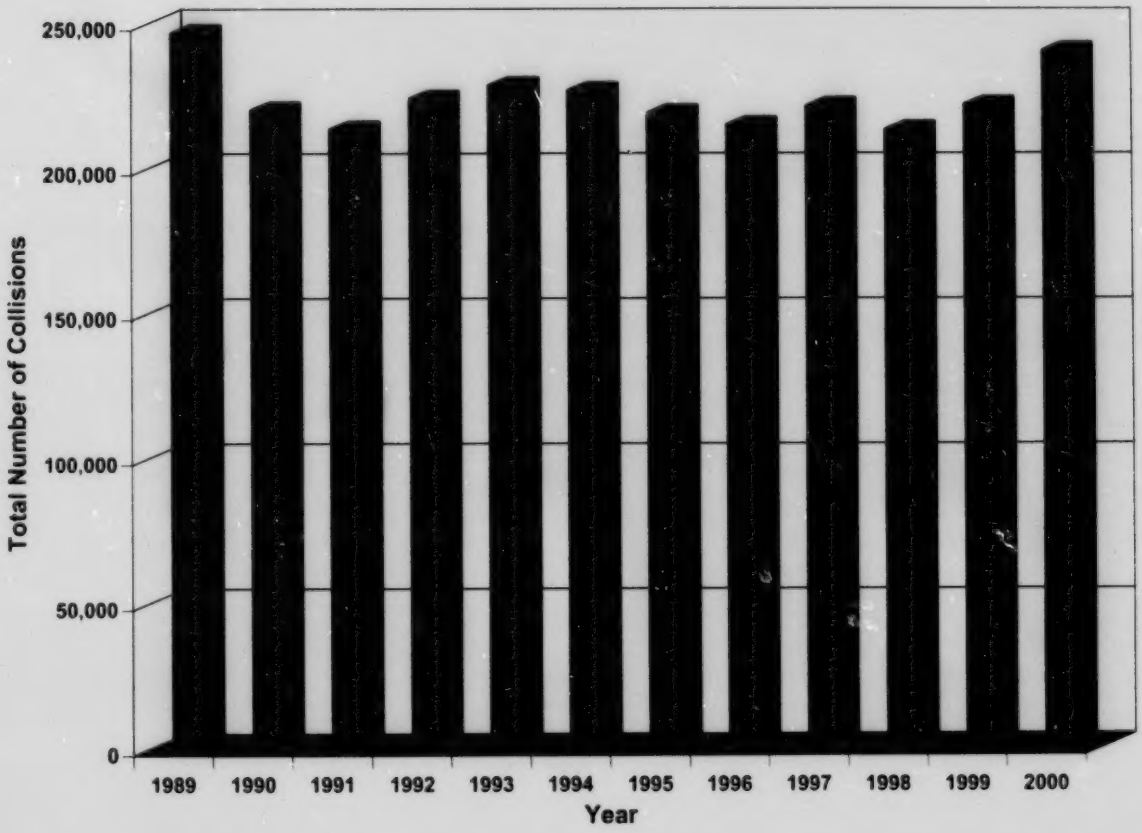
Recommendations for Promoting Further Improvements to Road Safety in Ontario

The province will continue to promote comprehensive safety programs and find ways to improve safety on our roads by:

- Targeting high-risk drivers;
- Complementing existing anti-drinking programs with new ones;
- Conducting public education campaigns in partnership with police, public health, community groups;
- Continuing emphasis on traditional police enforcement;
- Developing a safe driving "culture";
- Raising driving-related standards and exploring incentives to enable continuous improvement in driver skill levels;
- Enhancing commercial vehicle safety, including ongoing emphasis on roadside inspections for commercial vehicles;
- Investigating ways to improve traffic flow and its resulting impact on air quality; and
- Continuing to be leaders in road infrastructure and vehicle technology.

1 Overview

Total Number of Collisions in Ontario, 1989 to 2000



1a. Synopsis

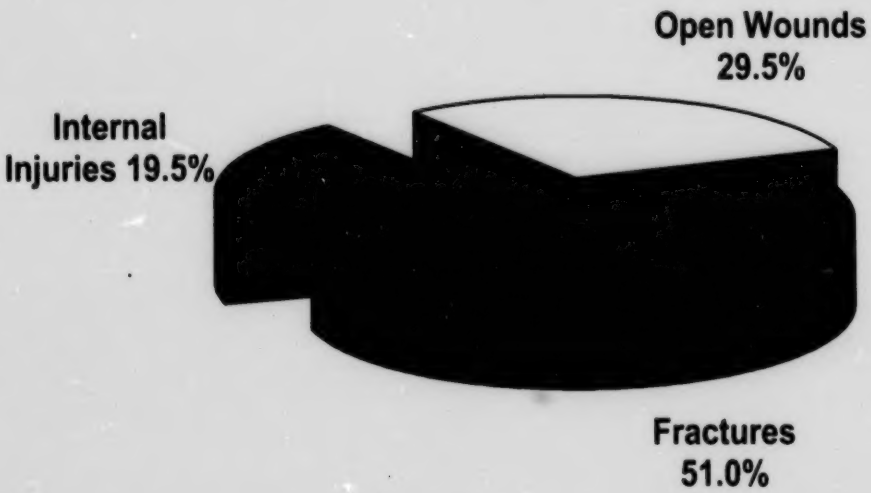
Selected Statistics

Total Reportable Collisions	240,630
Total Drivers Involved in Collisions	431,661
Total Vehicles Involved in Collisions	448,947
Fatal Collisions	737
Personal Injury Collisions	57,279
Property Damage Collisions	182,614
Persons Killed	849
Drivers Killed (excludes All Terrain Vehicle and Snow Vehicle Drivers)	483
Drivers Killed (Impaired or Had Been Drinking)	135
Passengers Killed	244
Pedestrians Killed	112
Other Road Users Killed	10
Persons Injured	85,009
Estimated Ontario Population (2000)	11,695,110
Licensed Drivers	8,121,374
Registered Motor Vehicles	7,181,056
Estimated Vehicle Kilometres Travelled (in millions)	117,834
Number of Persons Killed in Motor Vehicle Collisions per 100,000 People in Ontario	7.1
Number of Persons Killed in Motor Vehicle Collisions per 100 Million Kilometres Travelled	0.7
Collision Rate per 100 Million Kilometres Travelled	204.2
Fatal Collision Rate per 100 Million Kilometres Travelled	0.6
Number of Persons Killed in Motor Vehicle Collisions per 10,000 Licensed Drivers	1.05

1b. Selected Characteristics of Motor Vehicle Collisions

On January 1, 1988, a new Motor Vehicle Accident Report (MVAR) form was introduced, which is used to compile collision statistics. As a result, some of the information may not be directly comparable to data from years prior to 1988.

Per Cent of Hospital Admissions by Injury Type, 2000



1c. The Health Perspective

Selected Diagnoses of Motor Vehicle Collision Injuries Hospitalized in Ontario, 1999/2000

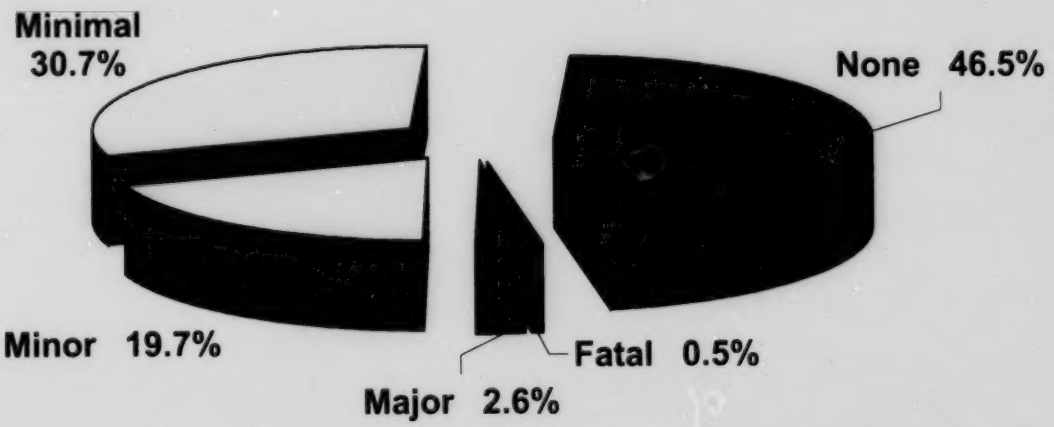
Selected Diagnoses	Hospital Admissions	Hospital Days of Stay
Fracture of skull	471	5,149
Fracture of neck and trunk	1,333	12,221
Fracture of upper limb	629	3,226
Fracture of lower limb	1,424	12,796
Dislocation, sprains and strains	247	1,042
Intracranial injury, excluding those with skull fracture	947	8,177
Internal injury of chest, abdomen and pelvis	618	5,105
Open wound of head, neck and trunk	160	454
Open wound of upper limb	36	132
Open wound of lower limb	43	273
Other injuries, burns and traumatic complications	2,132	41,577
Total Admissions and Days	**8,040**	**90,152**

Selected Surgical Procedures for Motor Vehicle Collision Injuries Hospitalized in Ontario, 2000

Selected Procedure	Hospital Admissions	Hospital Days of Stay
Operations on skull, brain and cerebral meninges	138	2,837
Operations on spinal cord and canal structures	67	1,291
Operations on nose, mouth and pharynx	21	80
Operations on chest wall, pleura, mediastinum and diaphragm	136	1,230
Operations on bone marrow and spleen	82	1,481
Operations on kidney	10	50
Operation on facial bones and joints	130	1,096
Reduction of fracture and dislocation	1,808	16,668
Repair and plastic operations on joint structures	158	2,950
Operations on skin and subcutaneous tissue	386	3,012
Other surgical procedure	3,354	44,513
Sub-total of surgical admission and days	**6,290**	**75,208**
No surgical procedures reported	**1,750**	**14,944**
Total Admissions and Days	**8,040**	**90,152**

2 The People

Per Cent of Involved Persons in Collisions by Severity of Injury, 2000



2a. People in Collisions

Table 2.1 **Category of Involved Person by Severity of Injury in Fatal and Personal Injury Collisions** 2000**

Category of Involved Person	Severity of Injury					Total
	None	Minimal	Minor	Major	Fatal	
Driver	47,022	28,692	17,382	1,995	437	**95,528**
Passenger*	26,695	16,352	9,666	1,144	243	**54,100**
Pedestrian	107	2,084	2,535	571	112	**5,409**
Bicyclist	21	1,423	1,149	122	9	**2,724**
Bicycle Passenger	10	53	37	5	0	**105**
All Terrain Vehicle Driver	20	12	11	6	1	**50**
All Terrain Vehicle Passenger	11	12	2	3	1	**29**
Snow Vehicle Driver	4	9	20	10	3	**46**
Snow Vehicle Passenger	2	2	6	3	1	**14**
Motorcycle Driver	85	391	573	197	37	**1,283**
Motorcycle Passenger	39	101	126	30	1	**297**
Moped Driver	9	7	13	0	0	**29**
Moped Passenger	4	5	1	0	0	**10**
Hanger On	48	28	23	8	0	**107**
Other	585	135	59	6	4	**789**
Total	**74,662**	**49,306**	**31,603**	**4,100**	**849**	**160,520**

* Includes bus passengers
** HTA (Highway Traffic Act) reportable collisions. For more information on special vehicles, see Chapter 6.

Due to a change in the method of tabulating collision statistics, this table excludes individuals involved in property damage only collisions.

Fatal Person dies immediately or succumbs due to the sustained injuries within 30 days of the motor vehicle collision.

Major Person admitted to hospital. Includes person admitted for observation.

Minor Person went to hospital and was treated in the emergency room but was not admitted.

Minimal Person did not go to hospital when leaving the scene of the collision. Includes minor abrasions, bruises and complaint of pain.

None Uninjured person.

Table 2.2 **Category of Person Killed by Age Groups 2000**

Category of Person	Age Groups 0-4	5-9	10-15	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65-74	75+	UK	Total
Driver	0	0	0	0	10	17	13	14	40	75	85	67	46	33	36	1	**437**
Passenger*	5	11	21	7	8	14	10	16	34	20	21	22	13	14	27	0	**243**
Pedestrian	1	5	7	4	2	2	2	2	3	7	12	11	11	19	24	0	**112**
Bicyclist	0	0	0	0	0	0	0	0	0	2	0	1	0	1	1	4	**9**
Bicycle Passenger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
All Terrain Vehicle Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	**1**
All Terrain Vehicle Passenger	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	**1**
Snow Vehicle Driver	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	**3**
Snow Vehicle Passenger	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
Motorcycle Driver	0	0	0	2	0	1	2	2	9	12	3	6	0	0	0	0	**37**
Motorcycle Passenger	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	**1**
Moped Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Moped Passenger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Other	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	**4**
Total	**7**	**16**	**29**	**14**	**21**	**34**	**27**	**34**	**87**	**117**	**121**	**109**	**72**	**67**	**88**	**6**	**849**

* Includes hangers on
UK = Unknown
HTA (Highway Traffic Act) reportable collisions. For more information on special vehicles, see Chapter 6.

Table 2.3 **Category of Persons Injured by Age Groups 2000**

Category of	Age Groups																Total
Person	**0-4**	**5-9**	**10-15**	**16**	**17**	**18**	**19**	**20**	**21-24**	**25-34**	**35-44**	**45-54**	**55-64**	**65-74**	**75+**	**UK**	
Driver	0	1	46	236	1,087	1,333	1,317	1,274	4,825	11,066	11,541	7,673	4,013	2,259	1,358	40	**48,069**
Passenger*	1,035	1,707	2,431	788	1,016	994	947	845	2,596	4,252	3,339	2,599	1,607	1,260	824	966	**27,206**
Pedestrian	102	371	742	141	153	123	115	104	316	713	664	556	375	302	261	152	**5,190**
Bicyclist	1	35	73	21	20	24	18	25	69	147	156	75	34	13	6	1,977	**2,694**
Bicycle Passenger	3	5	24	3	4	2	2	2	6	19	16	9	4	3	1	2	**105**
All Terrain Vehicle Driver	0	0	4	0	1	2	0	0	4	7	3	2	1	0	0	5	**29**
All Terrain Vehicle Passenger	0	2	7	0	0	0	0	0	3	4	0	1	0	1	0	0	**18**
Snow Vehicle Driver	0	0	5	5	4	1	2	2	4	7	2	1	2	1	0	3	**39**
Snow Vehicle Passenger	0	0	3	2	0	1	1	0	1	1	0	0	0	0	2	0	**11**
Motorcycle Driver	0	0	5	26	27	20	22	36	164	359	252	180	50	14	4	2	**1,161**
Motorcycle Passenger	1	2	11	10	8	9	12	13	23	70	52	32	11	1	1	3	**259**
Moped Driver	0	0	1	0	2	1	0	1	2	3	1	2	5	2	0	0	**20**
Moped Passenger	0	0	1	0	0	0	0	0	0	1	1	0	1	0	2	0	**6**
Other	3	6	7	1	1	0	1	6	8	37	58	27	19	6	3	19	**202**
Total	**1,145**	**2,129**	**3,360**	**1,233**	**2,323**	**2,510**	**2,437**	**2,308**	**8,021**	**16,686**	**16,085**	**11,157**	**6,122**	**3,862**	**2,462**	**3,169**	**85,009**

* Includes hangers on
HTA (Highway Traffic Act) reportable collisions. For more information on special vehicles, see Chapter 6.

Table 2.4 Sex of Driver by Class of Collision 2000

Sex of Driver	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Male	963	66,086	202,307	**269,356**
Female	274	37,059	99,344	**136,677**
Unknown*	18	4,950	20,660	**25,628**
Total	**1,255**	**108,095**	**322,311**	**431,661**

Fatal Collision A motor vehicle collision in which at least one person sustains bodily injuries resulting in death. Prior to January 1, 1982, fatal collision statistics included deaths attributed to accidental injuries up to one year after the collision. Since that date, only deaths from injuries within thirty days of the collision have been included.

Personal Injury Collision A motor vehicle collision in which at least one person involved sustains bodily injuries not resulting in death.

Property Damage Collision A motor vehicle collision in which no person sustains bodily injury, but in which there is damage to any public property or damage to private property including damage to the motor vehicle or its load.

The minimum reportable level for property damage only collision rose from $200 to $400 on January 1, 1978 and rose again to $700 on January 1, 1985. As of January 1, 1998 the minimum reportable level for property damage only collisions is $1,000.

On January 1, 1997 Collision Self-Reporting for property damage only collisions was introduced. See Appendix for more explanation about Collision Self-Reporting.

Table 2.5 Driver Condition by Class of Collision 2000

Condition of Driver	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Normal	892	86,421	256,221	**343,534**
Had Been Drinking	57	1,628	2,890	**4,575**
Ability Impaired - Alcohol over .08	131	1,100	1,925	**3,156**
Ability Impaired Alcohol	15	566	820	**1,401**
Ability Impaired Drugs	6	65	109	**180**
Fatigue	7	607	1,086	**1,700**
Medical/Physical Disability	7	515	538	**1,060**
Inattentive	38	8,951	18,817	**27,806**
Other	2	256	709	**967**
Unknown*	100	7,986	39,196	**47,282**
Total	**1,255**	**108,095**	**322,311**	**431,661**

Had Been Drinking Driver had consumed alcohol but his/her physical condition was not legally impaired.

Ability Impaired Alcohol over .08 Driver had consumed alcohol and upon testing was found to have a blood alcohol level in excess of .08 grams of alcohol per 100 millilitres of blood.

Ability Impaired Alcohol Driver had consumed sufficient alcohol to warrant being charged with a drinking and driving offence.

Inattentive Driver was operating a motor vehicle without due care and attention or placing less than full concentration on driving, e.g., changing radio stations, consuming food, reading, talking on phone or two-way radio, using headphones.

* This includes situations where the enforcement officer is unable to make a determination, e.g., hit and run.

Table 2.6 Driver Age by Driver Condition In all Collisions 2000*

Driver Age	Driver Condition						Total
	Normal	Had Been Drinking	Impaired Alcohol over .08	Ability Impaired Alcohol	Other	Unknown	
Under 16	255	14	6	0	97	58	**430**
16	1,644	21	19	4	271	146	**2,105**
17	7,358	65	32	10	1,117	549	**9,131**
18	9,017	115	54	21	1,183	718	**11,108**
19	8,365	206	64	33	1,058	678	**10,404**
20	8,565	171	112	31	1,015	688	**10,582**
21-24	32,072	696	403	144	3,140	2,517	**38,972**
25-34	79,020	1,219	815	364	6,575	5,899	**93,892**
35-44	83,362	1,020	943	431	6,426	6,125	**98,307**
45-54	57,754	537	424	217	4,235	3,978	**67,145**
55-64	29,590	230	205	79	2,615	2,085	**34,804**
65-74	15,715	89	60	27	1,793	1,137	**18,821**
75 & over	8,158	33	9	11	1,463	658	**10,332**
Unknown	2,659	159	10	29	725	22,046	**25,628**
Total	**343,534**	**4,575**	**3,156**	**1,401**	**31,713**	**47,282**	**431,661**

* Includes bicyclists, drivers of all-terrain vehicles, etc.

Table 2.7 Recorded Occurrence of Driver Condition In Drivers Killed 2000*

Recorded Occurrence	Number of Drivers	%
Normal	307	62.7
Had Been Drinking	28	5.7
Ability Impaired - Alcohol over .08	107	21.8
Ability Impaired Alcohol	0	0.0
Ability Impaired Drugs	5	1.0
Fatigue	0	0.0
Medical/Physical Disability	7	1.4
Inattentive	0	0.0
Other	0	0.0
Unknown	36	7.3
Total	**490**	100.0

* Total includes drivers of all vehicle types killed in HTA reportable collisions.

*In years prior to 1996, Table 2.7 only included fatally injured drivers who were either normal or had been drinking. In order to better examine the other pre-crash factors related to deaths of all drivers, this table has now been expanded to include the driver conditions of all fatally injured drivers. These data can be recombined into the older format by recalculating the percentages using only the alcohol involved and normal drivers' data.

Table 2.8 **Apparent Driver Action by Class of Collision 2000**

Apparent Driver Action	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Driving Properly	544	51,437	155,118	**207,099**
Following Too Close	5	10,726	26,434	**37,165**
Speed Too Fast	75	1,183	1,801	**3,059**
Speed Too Fast for Conditions	63	4,759	14,502	**19,324**
Speed Too Slow	4	62	225	**291**
Improper Turn	20	4,071	13,184	**17,275**
Disobey Traffic Control	71	5,070	7,044	**12,185**
Fail to Yield Right of Way	83	10,798	25,410	**36,291**
Improper Passing	11	719	2,867	**3,597**
Lost Control	207	7,822	20,626	**28,655**
Wrong Way on One Way Road	0	111	182	**293**
Improper Lane Change	13	1,804	9,471	**11,288**
Other*	89	6,773	20,603	**27,465**
Unknown	70	2,760	24,844	**27,674**
Total	**1,255**	**108,095**	**322,311**	**431,661**

* Includes actions defined as careless driving, inattentive driving, fell asleep, hit and run, driving on wrong side of road, improper parking, impaired driving, illegally parked, dangerous driving, inexperience, etc.

Table 2.9 **Seat Belt Usage by Severity of Driver Injury in Fatal and Personal Injury Collisions 2000**

Safety Equipment Used	Severity of Injury					Total
	Killed	Major	Minor	Minimal	Not Injured	
Seat Belt Used	253	1,437	14,926	26,430	42,197	**85,243**
Other Equipment*	12	86	608	679	329	**1,714**
Equipment Not used	113	265	583	297	204	**1,462**
No Safety Equipment	0	4	28	29	58	**119**
Use Unknown	59	203	1,236	1,257	4,233	**6,988**
Total	**437**	**1,995**	**17,381**	**28,692**	**47,021**	**95,526**

* Other equipment includes construction and motorcycle helmets, etc., used in a motor vehicle. It also includes the use of airbags. Seat belt usage in conjunction with airbag deployment is unknown.

The tables on this page include only seat belt usage in collisions in which there were personal injuries or fatalities. Property damage only collisions are excluded. ORSARs published prior to 1988, included seat belt usage in all collisions.

Table 2.10 Seat Belt Usage by Severity of Passenger Injury in Fatal and Personal Injury Collisions 2000

Safety Equipment Used	Severity of Injury					Total
	Killed	Major	Minor	Minimal	Not Injured	
Seat Belt Used	128	729	7,695	13,995	21,972	**44,519**
Child Safety Seat Used Incorrectly	0	4	17	16	59	**96**
Child Safety Seat Used Correctly	1	9	138	372	1,574	**2,094**
Other Equipment*	6	18	175	169	95	**463**
Equipment Not used	64	206	599	382	302	**1,553**
No Safety Equipment	9	44	416	611	1,009	**2,089**
Use Unknown	35	136	605	768	1,655	**3,199**
Total	**243**	**1,146**	**9,645**	**16,313**	**26,666**	**54,013**

* Other equipment includes construction helmets, etc., used in a motor vehicle. It also includes the use of airbags. Seat belt usage in conjunction with airbag deployment is unknown.

Table 2.11 Restraint Use for Children (0 - 4 Years) Killed in Collisions 1996-2000

Year	Child Restraint Used Correctly	Child Restraint Used Incorrectly	Lap/Lap & Shoulder Belt	Restraint Not Available	Available Not Used	Use Unknown	Total
1996	3	1	1	0	1	0	**6**
1997	8	0	4	0	2	2	**16**
1998	2	0	6	0	0	0	**8**
1999	3	1	3	0	0	0	**7**
2000	1	0	3	0	0	1	**5**

Table 2.12 Restraint Use for Children (0 - 4 Years) Involved in Fatal and Personal Injury Collisions by Severity of Injury 2000

Restraint Used	Injury Level		
	Major / Fatal %	Minimal/Minor %	No Injuries %
Child Restraint Used Correctly	32.3	46.6	49.2
Child Restraint Used Incorrectly	12.9	3.2	1.8
Lap/Lap-Shoulder Belt	41.8	41.7	41.9
Not Available	0.0	3.4	2.7
Available/Not Used	6.5	1.2	0.6
Other	0.0	0.3	0.1
Unknown	6.5	3.6	3.7
Total	**100.0**	**100.0**	**100.0**

It is known from observation surveys that many child safety seats are not used correctly. This is not clear in these tables since children are often removed from the child safety seat before the police officer arrives on the scene. Both correct installation of the seats according to the manufacturer's instructions and correct use of the device in the vehicle are important for the child's protection.

Table 2.13 Pedestrian Condition by Severity of Injury 2000

Condition of Pedestrian	Killed	Injured
Normal	80	3,394
Had Been Drinking	4	310
Ability Impaired Alcohol over .08	14	7
Ability Impaired Alcohol	0	81
Ability Impaired Drugs	1	9
Fatigue	0	3
Medical or Physical Defect	4	99
Inattentive	1	651
Other	0	162
Unknown	8	474
Total	**112**	**5,190**

Table 2.14 Apparent Pedestrian Action by Severity of Injury 2000

Apparent Pedestrian Action	Killed	Injured
Crossing Intersection With Right of Way	8	1,627
Crossing Intersection Without Right of Way	22	824
Crossing Intersection No Traffic Control	20	378
Crossing Pedestrian Crossover	0	117
Crossing Marked Crosswalk Without Right of Way	3	98
Walking on Roadway With Traffic	11	128
Walking on Roadway Against Traffic	2	69
On Sidewalk or Shoulder	10	372
Playing or Working on Highway	1	95
Coming from Behind Parked Vehicle or Object	0	156
Running onto Roadway	12	507
Getting On/Off School Bus*	1	6
Getting On/Off Vehicle	1	60
Pushing/Working on Vehicle	1	18
Other	20	735
Unknown	0	0
Total	**112**	**5,190**

* Calender Year

2b. Putting the People in Context

Table 2.15 Category of Persons Killed and Injured 1988-2000

Year	Ontario Population (Est.)**	Driver		Passenger*		Pedestrian		All Others		Persons Killed In All Classes		Persons Injured In All Classes	
											Rate Per		Rate Per
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Number	100,000	Number	100,000
1988	9,439,600	563	63,339	350	39,157	186	6,344	138	9,318	1,237	13.1	118,158	1,251.7
1989	9,598,600	627	66,334	369	39,950	161	6,187	129	8,181	1,286	13.4	120,652	1,257.0
1990	9,743,300	540	55,073	321	33,606	154	5,839	105	7,057	1,120	11.5	101,575	1,042.5
1991	10,084,900	542	48,021	298	30,230	157	5,352	105	6,916	1,102	10.9	90,519	897.6
1992	10,098,600	548	49,259	317	30,567	140	5,177	85	6,022	1,090	10.8	91,025	901.4
1993	10,813,200	595	49,628	296	30,584	146	5,181	98	5,756	1,135	10.5	91,149	842.9
1994	10,927,800	508	49,632	273	29,570	127	5,344	91	5,484	999	9.1	90,030	823.9
1995	11,100,000	527	49,916	276	29,440	126	5,261	70	4,955	999	9.0	89,572	807.0
1996	11,320,456	459	49,614	270	28,997	144	5,336	55	4,458	928	8.2	88,405	780.9
1997	11,500,329	474	47,861	224	27,915	133	5,154	68	4,597	899	7.8	85,527	743.7
1998	11,675,497	437	47,088	222	26,422	121	4,978	74	4,704	854	7.3	83,192	712.5
1999	11,513,700	452	47,943	221	26,774	132	4,894	63	4,451	868	7.5	84,062	730.1
2000	11,695,110	437	48,068	243	27,206	112	5,190	57	4,544	849	7.1	85,009	710.4

* Excludes motorcycle passengers, who are included with "All Others".

** Source: Ministry of Finance

Table 2.16 Sex of Driver Population by Age Groups 2000

Sex of Driver	Age Groups							Total
	16-19	20-24	25-34	35-44	45-54	55-64	65+	
Male	234,932	346,942	821,728	1,010,215	807,450	512,754	579,673	**4,313,694**
Female	203,238	312,389	760,479	924,935	733,049	427,084	446,506	**3,807,680**
Total	**438,170**	**659,331**	**1,582,207**	**1,935,150**	**1,540,499**	**939,838**	**1,026,179**	**8,121,374**

Table 2.17 Driver Population by Age Groups 1988-2000

Year	Age Groups							Total
	16-19	20-24	25-34	35-44	45-54	55-64	65+	
1988	310,764	643,691	1,588,516	1,353,841	898,103	714,266	608,931	**6,118,112**
1989	323,109	631,470	1,634,187	1,409,053	931,991	720,788	639,826	**6,290,424**
1990	322,542	629,478	1,666,474	1,467,699	964,925	728,380	669,385	**6,448,883**
1991	319,584	627,931	1,673,502	1,501,765	1,018,365	736,652	696,432	**6,574,231**
1992	314,685	623,707	1,665,433	1,528,726	1,082,883	745,759	727,568	**6,688,761**
1993	326,389	621,934	1,655,573	1,566,083	1,136,365	758,840	758,244	**6,823,428**
1994	358,817	622,704	1,645,962	1,611,972	1,190,442	770,882	783,181	**6,983,960**
1995	360,847	614,094	1,621,989	1,659,749	1,240,072	782,871	806,396	**7,086,018**
1996	361,571	612,060	1,608,567	1,717,050	1,297,289	805,486	856,144	**7,258,167**
1997	394,512	624,532	1,611,708	1,789,110	1,360,555	837,606	919,584	**7,537,607**
1998	412,589	634,053	1,593,744	1,845,474	1,415,258	872,426	954,212	**7,727,756**
1999	426,643	642,808	1,576,673	1,895,323	1,475,588	907,235	994,044	**7,918,314**
2000	438,170	659,331	1,582,207	1,935,150	1,540,499	939,838	1,026,179	**8,121,374**

Table 2.18 Driver Licence Class by Sex 2000

Licence Class	Driver Sex Male	%	Female	%	Total	%
A	91,925	2.13	1,878	0.05	93,803	1.16
AB	4,496	0.10	510	0.01	5,006	0.06
ABM	2,544	0.06	132	0.00	2,676	0.03
ABM1	48	0.00	16	0.00	64	0.00
ABM2	107	0.00	17	0.00	124	0.00
AC	18,022	0.42	613	0.02	18,635	0.23
ACM	8,528	0.20	120	0.00	8,648	0.11
ACM1	278	0.01	5	0.00	283	0.00
ACM2	472	0.01	13	0.00	485	0.01
AM	30,066	0.70	207	0.01	30,273	0.37
AM1	1,150	0.03	16	0.00	1,166	0.01
AM2	1,777	0.04	27	0.00	1,804	0.02
B	16,192	0.38	16,440	0.43	32,632	0.40
BM	4,524	0.10	919	0.02	5,443	0.07
BM1	88	0.00	52	0.00	140	0.00
BM2	173	0.00	109	0.00	282	0.00
C	5,789	0.13	538	0.01	6,327	0.08
CM	1,694	0.04	52	0.00	1,746	0.02
CM1	38	0.00	3	0.00	41	0.00
CM2	85	0.00	7	0.00	92	0.00
D	218,516	5.07	16,126	0.42	234,642	2.89
DE	106	0.00	18	0.00	124	0.00
DEM	27	0.00	1	0.00	28	0.00
DEM1	0	0.00	1	0.00	1	0.00
DEM2	3	0.00	0	0.00	3	0.00
DF	2,085	0.05	109	0.00	2,194	0.03
DFM	922	0.02	16	0.00	938	0.01
DFM1	27	0.00	2	0.00	29	0.00
DFM2	37	0.00	6	0.00	43	0.00
DM	55,196	1.28	1,091	0.03	56,287	0.69
DM1	1,185	0.03	54	0.00	1,239	0.02
DM2	2,133	0.05	107	0.00	2,240	0.03
E	1,268	0.03	2,069	0.05	3,337	0.04
EM	169	0.00	45	0.00	214	0.00
EM1	4	0.00	3	0.00	7	0.00
EM2	8	0.00	7	0.00	15	0.00

Continued on next page

Table 2.18 **Driver Licence Class by Sex 2000** **Continued**

Licence Class	Driver Sex				Total	%
	Male	%	Female	%		
F	6,980	0.16	4,972	0.13	**11,952**	**0.15**
FM	1,562	0.04	236	0.01	**1,798**	**0.02**
FM1	66	0.00	22	0.00	**88**	**0.00**
FM2	127	0.00	36	0.00	**163**	**0.00**
G	2,917,228	67.63	3,135,889	82.36	**6,053,117**	**74.53**
G1	186,855	4.33	251,713	6.61	**438,568**	**5.40**
G1M	72	0.00	20	0.00	**92**	**0.00**
G1M1	1,155	0.03	113	0.00	**1,268**	**0.02**
G1M2	646	0.01	119	0.00	**765**	**0.01**
G2	338,798	7.85	309,192	8.12	**647,990**	**7.98**
G2M	469	0.01	67	0.00	**536**	**0.01**
G2M1	3,213	0.07	267	0.01	**3,480**	**0.04**
G2M2	3,560	0.08	305	0.01	**3,865**	**0.05**
GM	334,959	7.77	52,919	1.39	**387,878**	**4.78**
GM1	18,501	0.43	3,911	0.10	**22,412**	**0.28**
GM2	27,494	0.64	6,146	0.16	**33,640**	**0.41**
M	1,149	0.03	216	0.01	**1,365**	**0.02**
M1	443	0.01	74	0.00	**517**	**0.01**
M2	735	0.02	134	0.00	**869**	**0.01**
Other	0	0.00	0	0.00	**0**	**0.00**
Total	**4,313,694**	**100.00**	**3,807,680**	**100.00**	**8,121,374**	**100.00**

Table 2.19 Licensed Drivers, Total Collisions, Persons Killed and Injured 1931-2000

Year	Licensed Drivers	Total Collisions	Persons Killed	Persons Injured
1931	666,266	9,241	571	8,494
1932	648,710	9,171	502	8,231
1933	638,710	8,634	403	7,877
1934	665,743	9,645	512	8,990
1935	707,457	10,648	560	9,839
1936	755,765	11,388	546	10,251
1937	802,765	13,906	766	12,092
1938	866,729	13,715	640	11,683
1939	899,572	13,710	652	11,638
1940	937,551	16,921	716	13,715
1941	986,773	18,167	801	14,275
1942	961,883	13,490	567	10,205
1943	919,457	11,025	549	8,628
1944	905,650	11,004	498	8,373
1945	971,852	13,458	598	9,804
1946	1,087,445	17,356	688	12,228
1947	1,144,291	22,293	734	13,056
1948	1,209,408	27,406	740	14,970
1949	1,278,584	34,472	830	17,469
1950	1,366,388	43,681	791	19,940
1951	1,461,538	54,920	949	22,557
1952	1,556,559	58,515	1,010	23,643
1953	1,656,259	65,866	1,082	24,353
1954	1,747,567	62,509	1,045	24,607
1955	1,856,845	63,219	1,111	26,246
1956	1,967,789	71,399	1,180	28,626
1957	2,088,551	76,302	1,279	30,414
1958	2,176,417	76,884	1,112	30,106
1959	2,270,246	81,518	1,187	31,602
1960	2,355,567	87,186	1,166	34,436
1961	2,414,615	85,577	1,268	37,146
1962	2,469,425	94,231	1,383	41,766
1963	2,555,015	104,919	1,421	47,801
1964	2,694,023	111,232	1,424	54,560
1965	2,739,138	128,462	1,611	60,917
1966	2,821,648	139,781	1,596	65,210
1967	3,004,654	145,008	1,719	67,280
1968	3,128,509	155,127	1,586	71,520
1969	3,247,979	169,395	1,683	74,902
1970	3,422,892	141,609	1,535	75,126
1971	3,563,197	158,831	1,769	84,650
1972	3,688,541	189,494	1,934	95,181

Continued on next page

Table 2.19 Licensed Drivers, Total Collisions, Persons Killed and Injured 1931-2000

Year	Licensed Drivers	Total Collisions	Persons Killed	Persons Injured
1973	3,841,628	193,021	1,959	97,790
1974	3,972,980	204,271	1,748	98,673
1975	4,160,623	213,689	1,800	97,034
1976	4,315,925	211,865	1,511	83,736
1977	4,562,903	218,567	1,420	95,664
1978	4,725,546	186,363	1,450	94,979
1979	4,858,351	197,196	1,560	101,321
1980	4,993,531	196,501	1,508	101,367
1981	5,123,177	198,372	1,445	100,321
1982	5,247,198	187,943	1,138	92,815
1983	5,380,259	181,999	1,204	91,706
1984	5,513,911	194,782	1,132	97,230
1985	5,660,422	189,750	1,191	109,169
1986	5,817,799	187,286	1,102	108,839
1987	5,978,105	203,431	1,229	121,089
1988	6,118,112	228,398	1,237	118,158
1989	6,290,424	247,038	1,286	120,652
1990	6,448,883	220,188	1,120	101,575
1991	6,574,231	213,669	1,102	90,519
1992	6,688,761	224,249	1,090	91,025
1993	6,823,428	228,834	1,135	91,149
1994*	6,983,960	226,996	999	90,030
1995	7,086,018	219,085	999	89,572
1996	7,258,167	215,024	929	88,445
1997	7,537,607	221,500	899	85,527
1998	7,727,756	213,356	854	83,192
1999	7,918,314	221,962	868	84,062
2000	8,121,374	240,630	849	85,009

* Graduated Licensing System (GLS) began on April 1, 1994. See Appendix for further details on GLS.

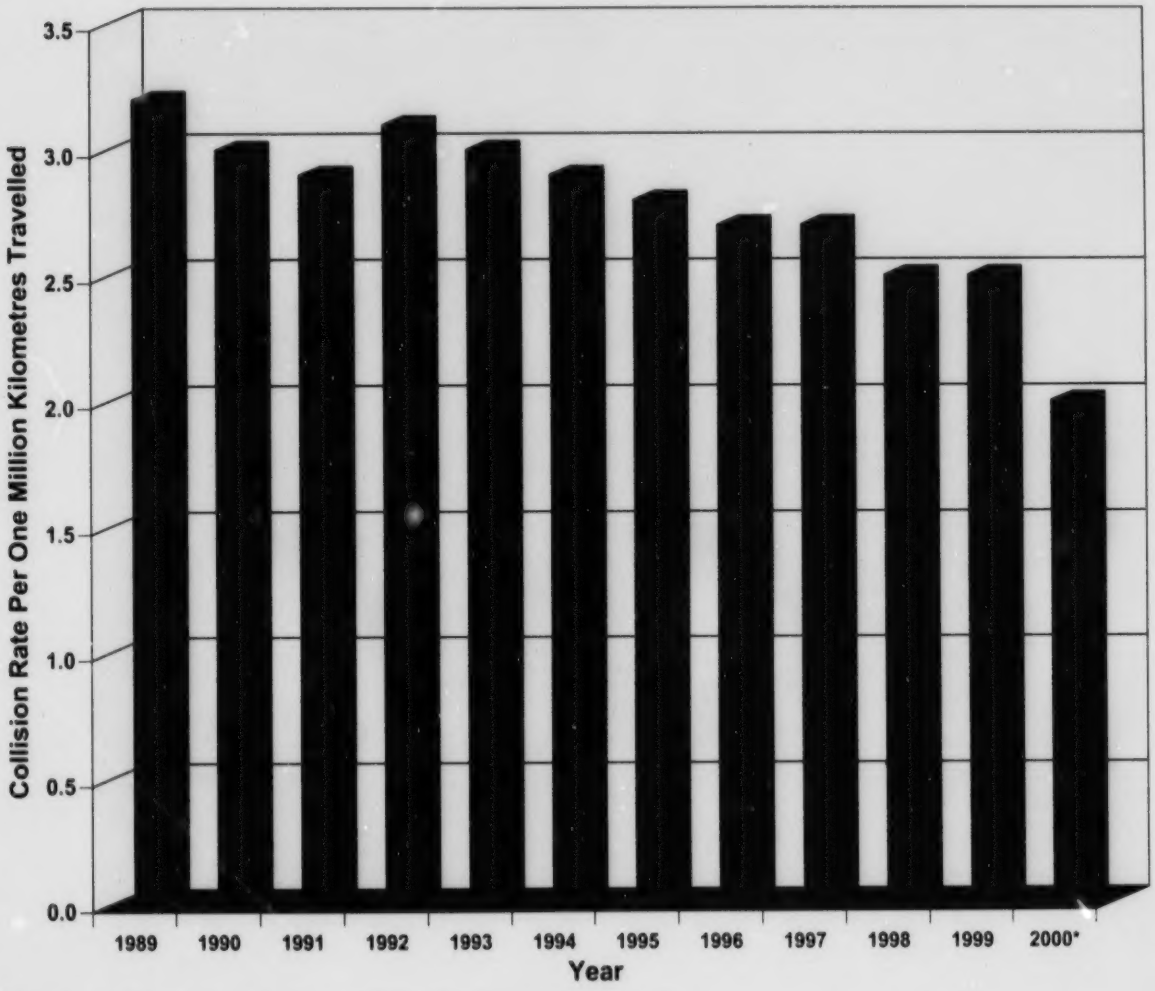
Table 2.20 Driver Age Groups - Number Licensed, Collision Involvement and Per Cent Involved in Collisions 2000

Drivers Age	Drivers Licensed			Drivers Involved in Collisions*			% of Drivers of Each Age Involved in Collisions		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	-	-	-	208	66	**274**	-	-	-
16	47,147	39,645	**86,792**	1,349	711	**2,060**	2.9	1.8	**2.4**
17	58,513	49,999	**108,512**	5,821	3,261	**9,082**	9.9	6.5	**8.4**
18	63,562	55,195	**118,757**	7,237	3,816	**11,053**	11.4	6.9	**9.3**
19	65,710	58,399	**124,109**	6,958	3,393	**10,351**	10.6	5.8	**8.3**
20	68,797	60,881	**129,678**	6,979	3,554	**10,533**	10.1	5.8	**8.1**
21-24	278,145	251,508	**529,653**	25,390	13,426	**38,816**	9.1	5.3	**7.3**
25-34	821,728	760,479	**1,582,207**	61,669	31,756	**93,425**	7.5	4.2	**5.9**
35-44	1,010,215	924,935	**1,935,150**	63,697	34,001	**97,698**	6.3	3.7	**5.1**
45-54	807,450	733,049	**1,540,499**	43,929	22,783	**66,712**	5.4	3.1	**4.3**
55-64	512,754	427,084	**939,838**	24,324	10,268	**34,592**	4.7	2.4	**3.7**
65-74	367,548	281,317	**648,865**	12,990	5,756	**18,746**	3.5	2.1	**2.9**
75 & over	212,125	165,189	**377,314**	6,726	3,572	**10,298**	3.2	2.2	**2.7**
Unknown	-	-	-	40,273	0	**40,273**	-	-	-
Total	**4,313,694**	**3,807,680**	**8,121,374**	**307,550**	**136,363**	**443,913**	**7.1**	**3.6**	**5.5**

* This table includes collisions with parked vehicles and excludes drivers of non-motor vehicles, i. e. bicyclists, snow vehicle operators, etc.

3 The Collision

Collision Rate Per One Million Kilometres Travelled in Ontario, 1989 to 2000



*Based on Statistics Canada estimates of Vehicle Kilometres travelled

3a. Types of Collisions

Table 3.1 Class of Collision 1988-2000

Year	Class of Collision			Total
		Personal	Property	
	Fatal	Injury	Damage	
1988	1,076	76,724	150,598	**228,398**
1989	1,106	77,852	168,080	**247,038**
1990	959	65,912	153,317	**220,188**
1991	956	59,242	153,471	**213,669**
1992	942	58,889	164,418	**224,249**
1993	987	58,932	168,915	**228,834**
1994	875	58,525	167,596	**226,996**
1995	860	58,273	159,952	**219,085**
1996	816	57,791	156,417	**215,024**
1997	807	56,121	164,572	**221,500**
1998	768	55,441	157,147	**213,356**
1999	763	55,764	165,435	**221,962**
2000	737	57,279	182,614	**240,630**

Table 3.2 Collision Rate Per One Million Kilometres Travelled 1988-2000

Year	Collision Rate
1988	3.2
1989	3.2
1990	3.0
1991	2.9
1992	3.1
1993	3.0
1994	2.9
1995	2.8
1996	2.7
1997	2.7
1998	2.5
1999	2.5
2000	2.0*

* Based on Statistics Canada estimates of Vehicle Kilometres Travelled

Table 3.3 Motor Vehicles Involved in Collisions Based on Initial Impact 2000*

Motor Vehicle in Collision Involving Moveable Objects:	Class of Collision Fatal	Personal Injury	Property Damage	Total
Other Motor Vehicles	787	86,651	270,715	**358,153**
Unattended Vehicles	9	656	14,828	**15,493**
Pedestrian	98	4,665	166	**4,929**
Cyclist	9	2,731	458	**3,198**
Railway Train	5	29	27	**61**
Street Car	0	48	279	**327**
Farm Tractor	2	33	81	**116**
Domestic Animal	1	65	536	**602**
Wild Animal	6	519	9,861	**10,386**
Other Moveable Objects	4	66	266	**336**
Sub-total	**921**	**95,483**	**297,217**	**393,601**
Fixed Objects:				
Cable Guide Rail	1	67	370	**438**
Concrete Guide Rail	3	256	756	**1,015**
Steel Guide Rail	3	164	930	**1,097**
Pole (Utility Tower)	10	415	1,535	**1,960**
Pole (Sign/Parking Meter)	1	140	838	**979**
Fence/Noise Barrier	0	40	258	**298**
Culvert	0	21	32	**53**
Bridge Support	2	21	123	**146**
Rock Face	2	20	46	**68**
Snow Bank or Drift	0	51	190	**241**
Ditch	6	286	818	**1,110**
Curb	12	482	1,757	**2,251**
Crash Cushion	1	22	38	**61**
Building or Wall	1	41	180	**222**
Water Course	0	2	11	**13**
Construction Marker	0	11	56	**67**
Tree, Shrub, or Stump	6	134	440	**580**
Other Fixed Object	8	280	1,561	**1,849**
Sub-total	**56**	**2,453**	**9,939**	**12,448**
Other Events:				
Ran Off Road	134	3,722	8,440	**12,296**
Skidding/Sliding	130	5,503	16,374	**22,007**
Jack-knifing	0	30	113	**143**
Load Spill	0	8	69	**77**
Fire/Explosion	0	8	360	**368**
Submersion	0	0	4	**4**
Rollover	7	213	303	**523**
Debris on Road	4	102	725	**831**
Debris off Vehicle	3	72	774	**849**
Other Non-Collision Event	29	1,636	4,135	**5,800**
Sub-total	**307**	**11,294**	**31,297**	**42,898**
Total	**1,284**	**109,210**	**338,453**	**448,947**

* Table 3.3 reflects the number of motor vehicles involved in collisions by initial impact.

Table 3.3 Motor Vehicles Involved in Collisions Based on Initial Impact 2000*

Motor Vehicle in Collision Involving Moveable Objects:	Class of Collision Fatal	Personal Injury	Property Damage	Total
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Cyclist	9	2,731	458	**3,198**
Railway Train	5	29	27	**61**
Street Car	0	48	279	**327**
Farm Tractor	2	33	81	**116**
Domestic Animal	1	65	536	**602**
Wild Animal	6	519	9,861	**10,386**
Other Moveable Objects	4	66	266	**336**
Sub-total	**921**	**95,463**	**297,217**	**393,601**
Fixed Objects:				
Cable Guide Rail	1	67	370	**438**
Concrete Guide Rail	3	256	756	**1,015**
Steel Guide Rail	3	164	930	**1,097**
Pole (Utility Tower)	10	415	1,535	**1,960**
Pole (Sign/Parking Meter)	1	140	838	**979**
Fence/Noise Barrier	0	40	258	**298**
Culvert	0	21	32	**53**
Bridge Support	2	21	123	**146**
Rock Face	2	20	46	**68**
Snow Bank or Drift	0	51	190	**241**
Ditch	6	286	818	**1,110**
Curb	12	482	1,757	**2,251**
Crash Cushion	1	22	38	**61**
Building or Wall	1	41	180	**222**
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Sub-total	**56**	**2,453**	**9,939**	**12,448**
Other Events:				
Ran Off Road	134	3,722	8,440	**12,296**
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Jack-knifing	0	30	113	**143**
Load Spill	0	8	69	**77**
Fire/Explosion	0	8	360	**368**
Submersion	0	0	4	**4**
Rollover	7	213	303	**523**
Debris on Road	4	102	725	**831**
Debris off Vehicle	3	72	774	**849**
Other Non-Collision Event	29	1,636	4,135	**5,800**
Sub-total	**307**	**11,294**	**31,297**	**42,898**
Total	**1,284**	**109,210**	**338,453**	**448,947**

* Table 3.3 reflects the number of motor vehicles involved in collisions by initial impact

Table 3.4 **Initial Impact Type by Class of Collision 2000**

Initial Impact Type	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Approaching	128	1,450	2,288	**3,866**
Angle	108	7,912	17,868	**25,888**
Rear End	41	17,191	45,645	**62,877**
Sideswipe	43	3,305	21,714	**25,062**
Turning Movement	53	10,659	33,944	**44,656**
With Unattended Motor Vehicle	11	639	14,967	**15,617**
Single Motor Vehicle	352	15,917	43,553	**59,822**
Other	1	206	2,635	**2,842**
Unknown	0	0	0	**0**
Total	**737**	**57,279**	**182,614**	**240,630**

3b. Time and Environment

Table 3.5 Month of Occurrence by Class of Collision 2000

Month of Occurrence	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
January	68	9.2	4,883	8.5	18,019	9.9	**22,970**	**9.5**
February	46	6.2	4,275	7.5	15,653	8.6	**19,974**	**8.3**
March	47	6.4	3,779	6.6	11,446	6.3	**15,272**	**6.3**
April	57	7.7	4,143	7.2	11,735	6.4	**15,935**	**6.6**
May	46	6.2	4,714	8.2	13,416	7.3	**18,176**	**7.6**
June	61	8.3	5,186	9.1	14,517	7.9	**19,764**	**8.2**
July	72	9.8	5,034	8.8	13,331	7.3	**18,437**	**7.7**
August	68	9.2	4,832	8.4	13,125	7.2	**18,025**	**7.5**
September	86	11.7	5,066	8.8	13,869	7.6	**19,021**	**7.9**
October	63	8.5	4,974	8.7	15,214	8.3	**20,251**	**8.4**
November	59	8.0	4,905	8.6	17,787	9.7	**22,751**	**9.5**
December	64	8.7	5,488	9.6	24,502	13.4	**30,054**	**12.5**
Total	**737**	**100.0**	**57,279**	**100.0**	**182,614**	**100.0**	**240,630**	**100.0**

Table 3.6 Day of Week by Class of Collision 2000

Day of Occurrence	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
Monday	96	13.0	7,600	13.3	24,344	13.3	**32,040**	**13.3**
Tuesday	83	11.3	8,084	14.1	26,259	14.4	**34,426**	**14.3**
Wednesday	93	12.6	8,103	14.1	25,468	13.9	**33,664**	**14.0**
Thursday	103	14.0	8,680	15.2	29,605	16.2	**38,388**	**16.0**
Friday	101	13.7	9,989	17.4	32,449	17.8	**42,539**	**17.7**
Saturday	142	19.3	8,188	14.3	24,584	13.5	**32,914**	**13.7**
Sunday	119	16.1	6,635	11.6	19,905	10.9	**26,659**	**11.1**
Total	**737**	**100.0**	**57,279**	**100.0**	**182,614**	**100.0**	**240,630**	**100.0**

Table 3.7 **Hour of Occurrence by Class of Collision 2000**

Hour of Occurrence A.M.	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
12 to 1 a.m.	23	3.1	896	1.6	3,075	1.7	3,994	1.7
1 to 2 a.m.	33	4.5	757	1.3	2,923	1.6	3,713	1.5
2 to 3 a.m.	28	3.8	913	1.6	2,922	1.6	3,863	1.6
3 to 4 a.m.	28	3.8	711	1.2	2,384	1.3	3,123	1.3
4 to 5 a.m.	12	1.6	447	0.8	1,758	1.0	2,217	0.9
5 to 6 a.m.	12	1.6	542	0.9	2,208	1.2	2,762	1.1
Sub-total	**136**	**18**	**4,266**	**7.4**	**15,270**	**8.4**	**19,672**	**8.2**
6 to 7 a.m.	29	3.9	1,339	2.3	4,700	2.6	6,068	2.5
7 to 8 a.m.	17	2.3	2,237	3.9	7,619	4.2	9,873	4.1
8 to 9 a.m.	20	2.7	3,488	6.1	11,533	6.3	15,041	6.3
9 to 10 a.m.	34	4.6	2,522	4.4	8,646	4.7	11,202	4.7
10 to 11 a.m.	30	4.1	2,530	4.4	8,161	4.5	10,721	4.5
11 to 12 noon	21	2.8	2,923	5.1	9,438	5.2	12,382	5.1
Sub-total	**151**	**20.4**	**15,039**	**26.2**	**50,097**	**27.5**	**65,287**	**27.1**
Hour of Occurrence P.M.								
12 to 1 p.m.	34	4.6	3,468	6.1	10,662	5.8	14,164	5.9
1 to 2 p.m.	27	3.7	3,289	5.7	9,806	5.4	13,122	5.5
2 to 3 p.m.	41	5.6	3,645	6.4	11,076	6.1	14,762	6.1
3 to 4 p.m.	40	5.4	4,639	8.1	13,684	7.5	18,363	7.6
4 to 5 p.m.	58	7.9	4,716	8.2	13,867	7.6	18,641	7.7
5 to 6 p.m.	49	6.6	4,569	8.0	14,122	7.7	18,740	7.8
Sub-total	**249**	**33.8**	**24,326**	**42.5**	**73,217**	**40.1**	**97,792**	**40.6**
6 to 7 p.m.	29	3.9	3,708	6.5	11,436	6.3	15,173	6.3
7 to 8 p.m.	44	6.0	2,670	4.7	8,266	4.5	10,980	4.6
8 to 9 p.m.	27	3.7	2,017	3.5	6,416	3.5	8,460	3.5
9 to 10 p.m.	29	3.9	1,926	3.4	6,352	3.5	8,307	3.5
10 to 11 p.m.	34	4.6	1,617	2.8	5,223	2.9	6,874	2.9
11 to 12 midnight	33	4.5	1,382	2.4	4,442	2.4	5,857	2.4
Sub-total	**196**	**26.6**	**13,320**	**23.3**	**42,135**	**23.1**	**55,651**	**23.1**
Unknown	5	0.7	328	0.6	1,895	1.0	2,228	0.9
Total	**737**	**99.9**	**57,279**	**100.0**	**182,614**	**100.1**	**240,630**	**100.0**

Table 3.7 **Hour of Occurrence by Class of Collision 2000**

Hour of Occurrence A.M.	Class of Collision						Total	%
			Personal		Property			
	Fatal	%	Injury	%	Damage	%		
12 to 1 a.m.	23	3.1	896	1.6	3,075	1.7	3,994	1.7
1 to 2 a.m.	33	4.5	757	1.3	2,923	1.6	3,713	1.5
2 to 3 a.m.	28	3.8	913	1.6	2,922	1.6	3,863	1.6
3 to 4 a.m.	28	3.8	711	1.2	2,384	1.3	3,123	1.3
4 to 5 a.m.	12	1.6	447	0.8	1,758	1.0	2,217	0.9
5 to 6 a.m.	12	1.6	542	0.9	2,208	1.2	2,762	1.1
Sub-total	**136**	**18**	**4,266**	**7.4**	**15,270**	**8.4**	**19,672**	**8.2**
6 to 7 a.m.	29	3.9	1,339	2.3	4,700	2.6	6,068	2.5
7 to 8 a.m.	17	2.3	2,237	3.9	7,619	4.2	9,873	4.1
8 to 9 a.m.	20	2.7	3,488	6.1	11,533	6.3	15,041	6.3
9 to 10 a.m.	34	4.6	2,522	4.4	8,646	4.7	11,202	4.7
10 to 11 a.m.	30	4.1	2,530	4.4	8,161	4.5	10,721	4.5
11 to 12 noon	21	2.8	2,923	5.1	9,438	5.2	12,382	5.1
Sub-total	**151**	**20.4**	**15,039**	**26.2**	**50,097**	**27.5**	**65,287**	**27.1**
Hour of Occurrence P.M.								
12 to 1 p.m.	34	4.6	3,468	6.1	10,662	5.8	14,164	5.9
1 to 2 p.m.	27	3.7	3,289	5.7	9,806	5.4	13,122	5.5
2 to 3 p.m.	41	5.6	3,645	6.4	11,076	6.1	14,762	6.1
3 to 4 p.m.	40	5.4	4,639	8.1	13,684	7.5	18,363	7.6
4 to 5 p.m.	58	7.9	4,716	8.2	13,867	7.6	18,641	7.7
5 to 6 p.m.	49	6.6	4,569	8.0	14,122	7.7	18,740	7.8
Sub-total	**249**	**33.8**	**24,326**	**42.5**	**73,217**	**40.1**	**97,792**	**40.6**
6 to 7 p.m.	29	3.9	3,708	6.5	11,436	6.3	15,173	6.3
7 to 8 p.m.	44	6.0	2,670	4.7	8,266	4.5	10,980	4.6
8 to 9 p.m.	27	3.7	2,017	3.5	6,416	3.5	8,460	3.5
9 to 10 p.m.	29	3.9	1,926	3.4	6,352	3.5	8,307	3.5
10 to 11 p.m.	34	4.6	1,617	2.8	5,223	2.9	6,874	2.9
11 to 12 midnight	33	4.5	1,382	2.4	4,442	2.4	5,857	2.4
Sub-total	**196**	**26.6**	**13,320**	**23.3**	**42,135**	**23.1**	**55,651**	**23.1**
Unknown	5	0.7	328	0.6	1,895	1.0	2,228	0.9
Total	**737**	**99.9**	**57,279**	**100.0**	**182,614**	**100.1**	**240,630**	**100.0**

Table 3.8 Statutory Holidays, Holiday Weekends - Fatal Collisions, Persons Killed and Injured 2000

Statutory Holiday*	Number of Fatal Collisions	Drivers		Passengers		Others		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Easter Weekend	13	11	10	7	12	0	0	18	22
Victoria Day	6	4	2	1	5	1	0	6	7
Canada Day	8	5	3	3	11	2	1	10	15
Civic Holiday (Simcoe Day)	8	6	3	1	13	2	0	9	16
Labour Day	14	9	3	2	9	5	0	16	12
Thanksgiving Day	7	3	3	3	0	2	1	8	4
Christmas/Boxing Day	6	2	7	4	7	0	0	6	14

* Actual length may vary depending on the calendar year. For certain holidays, it might include the whole weekend.

Table 3.9 Light Condition by Class of Collision 2000

Light Condition	Class of Collision						Total	%
			Personal		Property			
	Fatal	%	Injury	%	Damage	%		
Daylight	399	54.1	40,639	70.9	122,249	66.9	163,287	67.9
Dawn	21	2.8	765	1.3	3,468	1.9	4,254	1.8
Dusk	21	2.8	1,774	3.1	6,458	3.5	8,253	3.4
Darkness	296	40.2	14,079	24.6	50,059	27.4	64,434	26.8
Other	0	0.0	22	0.0	380	0.2	402	0.2
Total	**737**	**100.0**	**57,279**	**100.0**	**182,614**	**100.0**	**240,630**	**100.0**

Table 3.10 Visibility by Class of Collision 2000

Visibility	Class of Collision						Total	%
			Personal		Property			
	Fatal	%	Injury	%	Damage	%		
Clear	606	82.2	45,027	78.6	135,921	74.4	181,554	75.4
Rain	50	6.8	6,313	11.0	19,665	10.8	26,028	10.8
Snow	49	6.6	4,498	7.9	20,783	11.4	25,330	10.5
Freezing Rain	3	0.4	261	0.5	1,223	0.7	1,487	0.6
Drifting Snow	14	1.9	394	0.7	1,709	0.9	2,117	0.9
Strong Wind	2	0.3	120	0.2	492	0.3	614	0.3
Fog, Mist, Smoke, or Dust	11	1.5	540	0.9	2,015	1.1	2,566	1.1
Other	2	0.3	126	0.2	806	0.4	934	0.4
Total	**737**	**100.0**	**57,279**	**100.0**	**182,614**	**100.0**	**240,630**	**100.0**

3c. The Collision Location

Table 3.11 **Road Jurisdiction by Class of Collision 2000**

Road Jurisdiction	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Municipal (Excl.Twp. Rd.)	202	33,197	103,100	**136,499**
Provincial Highway	225	8,316	29,825	**38,366**
Township	65	2,255	7,524	**9,844**
County or District	99	2,813	9,935	**12,847**
Regional Municipality	144	10,567	31,753	**42,464**
Federal	1	89	349	**439**
Other	1	42	128	**171**
Total	**737**	**57,279**	**182,614**	**240,630**

Table 3.12 **Road Jurisdiction for All Collisions 1988-2000**

Road	Year													Total
Jurisdiction*	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
Municipal	159,228	139,926	117,218	112,651	117,800	119,421	117,478	114,848	112,980	123,423	123,112	126,063	136,499	**1,620,647**
Provincial	44,772	48,944	43,513	44,234	46,537	48,275	48,895	46,365	46,867	41,947	33,590	37,139	38,366	**569,444**
Township	12,277	11,882	10,684	10,332	10,777	10,667	10,497	9,774	9,236	9,557	8,696	8,672	9,844	**132,895**
County or District	7,527	8,773	8,582	8,482	9,186	9,076	8,839	8,815	8,381	9,574	11,114	11,217	12,847	**122,413**
Regional Municipality	3,620	36,237	39,004	36,956	38,810	40,230	40,165	38,279	36,738	36,341	36,295	38,360	42,464	**463,499**
Federal**	748	940	913	769	899	863	825	753	662	504	392	400	439	**9,107**
Other	226	336	274	245	240	302	297	251	160	154	157	111	171	**2,924**
Total	**228,398**	**247,038**	**220,188**	**213,669**	**224,249**	**228,834**	**226,996**	**219,085**	**215,024**	**221,500**	**213,356**	**221,962**	**240,630**	**2,920,929**

* Collisions may not be comaparable across the different years due to transfer of highways between jurisdictions.
** Since January 1, 1988 the Motor Vehicle Accident Report form allows the recording of jurisdiction for federal roads.

Table 3.13 **Collision Location by Class of Collision 2000**

Road Location	Class of Collision						Total	%
			Personal		Property			
	Fatal	%	Injury	%	Damage	%		
Non-intersection	444	60.3	17,831	31.1	69,019	37.8	**87,294**	**36.3**
Intersection Related	93	12.6	16,346	28.5	50,397	27.6	**66,836**	**27.8**
At Intersection	127	17.2	15,902	27.8	33,103	18.1	**49,132**	**20.4**
At/Near Private Drive	54	7.3	6,652	11.6	27,951	15.3	**34,657**	**14.4**
At Railway	6	0.8	96	0.2	322	0.2	**424**	**0.2**
Underpass or Tunnel	2	0.3	65	0.1	276	0.2	**343**	**0.1**
Overpass or Bridge	9	1.2	334	0.6	1,131	0.6	**1,474**	**0.6**
Other	2	0.3	53	0.1	415	0.2	**470**	**0.2**
Total	**737**	**100.0**	**57,279**	**100.0**	**182,614**	**100.0**	**240,630**	**100.0**

Table 3.14 **Road Surface Condition by Class of Collision 2000**

Road Surface Condition	Class of Collision						Total	%
			Personal		Property			
	Fatal	%	Injury	%	Damage	%		
Dry	523	71.0	38,333	66.9	111,770	61.2	**150,626**	**62.6**
Wet	121	16.4	11,663	20.4	37,284	20.4	**49,068**	**20.4**
Loose Snow	28	3.8	2,390	4.2	11,741	6.4	**14,159**	**5.9**
Slush	24	3.3	1,431	2.5	5,967	3.3	**7,422**	**3.1**
Packed Snow	16	2.2	1,348	2.4	6,917	3.8	**8,281**	**3.4**
Ice	21	2.8	1,619	2.8	7,114	3.9	**8,754**	**3.6**
Mud	0	0.0	12	0.0	98	0.1	**110**	**0.1**
Loose Sand or Gravel	4	0.5	327	0.6	846	0.5	**1,177**	**0.5**
Spilled Liquid	0	0.0	16	0.0	64	0.0	**80**	**0.0**
Other	0	0.0	140	0.2	813	0.4	**953**	**0.4**
Total	**737**	**100.0**	**57,279**	**100.0**	**182,614**	**100.0**	**240,630**	**100.0**

4 Place of Collision in Ontario

4. Place of Collision in Ontario

Table 4.1

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Injured	Motor Vehicle Registrations
ONTARIO		**10,967,508**	**240,630**	**737**	**57,279**	**182,614**	**849**	**85,009**	**7,181,056****
BLIND RIVER, T		3,521	29	0	6	23	0	12	
ELLIOT LAKE, C	M	14,598	56	0	9	47	0	10	
MICHIPICOTEN, TP	M	3,419	1	0	0	1	0	0	
SAULT STE. MARIE, C	M	80,054	1,566	2	343	1,221	2	524	
PROVINCIAL HIGHWAY			634	10	162	462	11	253	
OTHER AREAS		14,925	223	2	53	168	2	98	
ALGOMA		**116,517**	**2,509**	**14**	**573**	**1,922**	**15**	**897**	**87,954**
BRANTFORD, C	M	86,100	1,858	1	348	1,509	1	517	
PROVINCIAL HIGHWAY			230	1	56	173	1	111	
OTHER AREAS		23,307	705	9	153	543	11	239	
BRANT		**109,407**	**2,793**	**11**	**557**	**2,225**	**13**	**867**	**80,870**
KINCARDINE, T	M	11,231	71	0	12	59	0	18	
PROVINCIAL HIGHWAY			206	4	55	147	4	111	
OTHER AREAS		50,337	833	10	184	639	12	285	
BRUCE		**61,568**	**1,110**	**14**	**251**	**845**	**16**	**414**	**52,975**
COCHRANE, T		5,863	85	0	20	65	0	24	
HEARST, T		5,471	78	0	10	68	0	18	
KAPUSKASING, T	M	9,501	114	0	27	87	0	38	
SMOOTH ROCK FALLS, T		1,823	14	0	2	12	0	2	
TIMMINS, C	M	45,845	649	0	151	498	0	210	
PROVINCIAL HIGHWAY			306	6	69	231	10	112	
OTHER AREAS		14,225	222	0	77	145	0	123	
COCHRANE		**82,728**	**1,468**	**6**	**356**	**1,106**	**10**	**527**	**64,076**
AMARANTH, TP		3,234	44	0	8	36	0	15	
MELANCTHON, TP		2,360	28	0	8	20	0	14	
MONO, T		6,045	75	0	16	59	0	26	
MULMUR, TP		2,627	31	0	6	25	0	7	
ORANGEVILLE, T	M	23,492	360	0	56	304	0	69	
SHELBURNE, T	M	4,000	48	0	5	43	0	5	
PROVINCIAL HIGHWAY			174	0	51	123	0	107	
OTHER AREAS		3,889	423	3	112	308	5	199	
DUFFERIN		**45,647**	**1,183**	**3**	**262**	**918**	**5**	**442**	**36,185**
AJAX, T		63,552	800	3	194	603	3	301	
BROCK, TP		11,637	119	2	35	82	2	53	

Table 4.1 Continued

Location		Estimated Population (2000)*	Class of Collision: Total Collisions	Fatal	Personal Injury	Property Damage	Persons: Killed	Injured	Motor Vehicle Registrations
OSHAWA, C		134,364	2,234	4	516	1,714	4	765	
PICKERING, C		76,440	948	2	216	730	2	323	
SCUGOG, TP		18,505	303	2	66	235	2	107	
UXBRIDGE, TP		15,810	371	5	84	282	7	133	
WHITBY, T		73,586	1,144	2	273	869	2	417	
PROVINCIAL HIGHWAY			1,479	12	333	1,134	16	499	
OTHER AREAS		64,722	940	7	217	716	7	339	
DURHAM		**458,616**	**8,338**	**39**	**1,934**	**6,365**	**45**	**2,937**	**319,862**
AYLMER, T	M	7,018	70	1	13	56	1	22	
BAYHAM, TP		5,725	68	2	9	57	3	20	
MALAHIDE, TP		8,039	96	1	25	70	1	45	
ST THOMAS, C	M	31,319	441	0	117	324	0	165	
PROVINCIAL HIGHWAY			145	5	39	101	7	77	
OTHER AREAS		23,639	546	4	108	434	4	182	
ELGIN		**75,740**	**1,366**	**13**	**311**	**1,042**	**16**	**511**	**62,673**
AMHERSTBURG, T	M	19,303	159	1	36	122	1	55	
ESSEX, T	M	19,437	203	0	26	177	0	29	
KINGSVILLE, T	M	18,409	126	1	30	95	1	35	
LEAMINGTON, T	M	25,042	388	1	66	321	1	102	
TECUMSEH, T		23,151	240	0	47	193	0	63	
WINDSOR, C	M	200,062	5,451	8	1,155	4,288	8	1,547	
PROVINCIAL HIGHWAY			330	5	94	231	5	174	
OTHER AREAS		46,853	1,151	15	323	813	16	522	
ESSEX		**352,257**	**8,048**	**31**	**1,777**	**6,240**	**32**	**2,527**	**247,359**
KINGSTON, C	M	110,327	1,703	4	355	1,344	4	506	
PROVINCIAL HIGHWAY			324	1	69	254	1	119	
OTHER AREAS		21,327	497	2	106	389	2	165	
FRONTENAC		**131,654**	**2,524**	**7**	**530**	**1,987**	**7**	**790**	**90,875**
CHATSWORTH, TP		5,963	51	1	8	42	5	13	
DURHAM, T	M	2,507	22	0	4	18	0	5	
HANOVER, T	M	6,844	128	0	18	110	0	20	
KEPPEL, TP		4,355	30	0	7	23	0	11	
MEAFORD, T	M	4,399	61	0	14	47	0	18	
OSPREY, TP		2,099	18	0	6	12	0	10	
OWEN SOUND, C	M	21,390	351	0	82	269	0	134	
SOUTHGATE, TP		5,890	47	0	10	37	0	13	
SYDENHAM, TP		3,017	26	1	9	16	3	15	
WEST GREY, TP		8,585	80	0	18	62	0	41	
PROVINCIAL HIGHWAY			329	2	86	241	2	137	
OTHER AREAS		17,521	678	5	147	526	5	219	

4. Place of Collision in Ontario

Table 4.1

Location		Estimated Population (2000)*	Total Collisions	Class of Collision Fatal	Personal Injury	Property Damage	Persons Killed	Persons Injured	Motor Vehicle Registrations
ONTARIO		**10,967,508**	**240,630**	**737**	**57,279**	**182,614**	**849**	**85,009**	**7,181,056****
BLIND RIVER, T		3,521	29	0	6	23	0	12	
ELLIOT LAKE, C	M	14,598	56	0	9	47	0	10	
MICHIPICOTEN, TP	M	3,419	1	0	0	1	0	0	
SAULT STE. MARIE, C	M	80,054	1,566	2	343	1,221	2	524	
PROVINCIAL HIGHWAY			634	10	162	462	11	253	
OTHER AREAS		14,925	223	2	53	168	2	98	
ALGOMA		**116,517**	**2,509**	**14**	**573**	**1,922**	**15**	**897**	**87,954**
BRANTFORD, C	M	86,100	1,858	1	348	1,509	1	517	
PROVINCIAL HIGHWAY			230	1	56	173	1	111	
OTHER AREAS		23,307	705	9	153	543	11	239	
BRANT		**109,407**	**2,793**	**11**	**557**	**2,225**	**13**	**867**	**80,870**
KINCARDINE, T	M	11,231	71	0	12	59	0	18	
PROVINCIAL HIGHWAY			206	4	55	147	4	111	
OTHER AREAS		50,337	833	10	184	639	12	285	
BRUCE		**61,568**	**1,110**	**14**	**251**	**845**	**16**	**414**	**52,975**
COCHRANE, T		5,863	85	0	20	65	0	24	
HEARST, T		5,471	78	0	10	68	0	18	
KAPUSKASING, T	M	9,501	114	0	27	87	0	38	
SMOOTH ROCK FALLS, T		1,823	14	0	2	12	0	2	
TIMMINS, C	M	45,845	649	0	151	498	0	210	
PROVINCIAL HIGHWAY			306	6	69	231	10	112	
OTHER AREAS		14,225	222	0	77	145	0	123	
COCHRANE		**82,728**	**1,468**	**6**	**356**	**1,106**	**10**	**527**	**64,076**
AMARANTH, TP		3,234	44	0	8	36	0	15	
MELANCTHON, TP		2,360	28	0	8	20	0	14	
MONO, T		6,045	75	0	16	59	0	26	
MULMUR, TP		2,627	31	0	6	25	0	7	
ORANGEVILLE, T	M	23,492	360	0	56	304	0	69	
SHELBURNE, T	M	4,000	48	0	5	43	0	5	
PROVINCIAL HIGHWAY			174	0	51	123	0	107	
OTHER AREAS		3,889	423	3	112	308	5	199	
DUFFERIN		**45,647**	**1,183**	**3**	**262**	**918**	**5**	**442**	**36,185**
AJAX, T		63,552	800	3	194	603	3	301	
BROCK, TP		11,637	119	2	35	82	2	53	

Table 4.1 **Continued**

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Injured	Motor Vehicle Registrations
OSHAWA, C		134,364	2,234	4	516	1,714	4	765	
PICKERING, C		76,440	948	2	216	730	2	323	
SCUGOG, TP		18,505	303	2	66	235	2	107	
UXBRIDGE, TP		15,810	371	5	84	282	7	133	
WHITBY, T		73,586	1,144	2	273	869	2	417	
PROVINCIAL HIGHWAY			1,479	12	333	1,134	16	499	
OTHER AREAS		64,722	940	7	217	716	7	339	
DURHAM		**458,616**	**8,338**	**39**	**1,934**	**6,365**	**45**	**2,937**	**319,862**
AYLMER, T	M	7,018	70	1	13	56	1	22	
BAYHAM, TP		5,725	68	2	9	57	3	20	
MALAHIDE, TP		8,039	96	1	25	70	1	45	
ST THOMAS, C	M	31,319	441	0	117	324	0	165	
PROVINCIAL HIGHWAY			145	5	39	101	7	77	
OTHER AREAS		23,639	546	4	108	434	4	182	
ELGIN		**75,740**	**1,366**	**13**	**311**	**1,042**	**16**	**511**	**62,673**
AMHERSTBURG, T	M	19,303	159	1	36	122	1	55	
ESSEX, T	M	19,437	203	0	26	177	0	29	
KINGSVILLE, T	M	18,409	126	1	30	95	1	35	
LEAMINGTON, T	M	25,042	388	1	66	321	1	102	
TECUMSEH, T		23,151	240	0	47	193	0	63	
WINDSOR, C	M	200,062	5,451	8	1,155	4,288	8	1,547	
PROVINCIAL HIGHWAY			330	5	94	231	5	174	
OTHER AREAS		46,853	1,151	15	323	813	16	522	
ESSEX		**352,257**	**8,048**	**31**	**1,777**	**6,240**	**32**	**2,527**	**247,359**
KINGSTON, C	M	110,327	1,703	4	355	1,344	4	506	
PROVINCIAL HIGHWAY			324	1	69	254	1	119	
OTHER AREAS		21,327	497	2	106	389	2	165	
FRONTENAC		**131,654**	**2,524**	**7**	**530**	**1,987**	**7**	**790**	**90,875**
CHATSWORTH, TP		5,963	51	1	8	42	5	13	
DURHAM, T	M	2,507	22	0	4	18	0	5	
HANOVER, T	M	6,844	128	0	18	110	0	20	
KEPPEL, TP		4,355	30	0	7	23	0	11	
MEAFORD, T	M	4,399	61	0	14	47	0	18	
OSPREY, TP		2,099	18	0	6	12	0	10	
OWEN SOUND, C	M	21,390	351	0	82	269	0	134	
SOUTHGATE, TP		5,890	47	0	10	37	0	13	
SYDENHAM, TP		3,017	26	1	9	16	3	15	
WEST GREY, TP		8,585	80	0	18	62	0	41	
PROVINCIAL HIGHWAY			329	2	86	241	2	137	
OTHER AREAS		17,521	678	5	147	526	5	219	

Table 4.1 Continued

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Class of Collision: Personal Injury	Class of Collision: Property Damage	Persons: Killed	Persons: Injured	Motor Vehicle Registrations
GREY		**82,570**	**1,821**	**9**	**409**	**1,403**	**15**	**636**	**61,021**
DELHI, TP		15,134	233	4	50	179	4	62	
DUNNVILLE, T		11,781	137	2	29	106	2	42	
HALDIMAND, T		21,670	207	1	62	144	1	94	
NANTICOKE, C		22,000	226	3	56	167	3	83	
NORFOLK, TP		11,096	183	1	44	138	1	65	
SIMCOE, T		14,623	294	0	52	242	0	68	
PROVINCIAL HIGHWAY			188	1	55	132	1	95	
OTHER AREAS		32	181	0	45	136	0	71	
HALDIMAND-NORFOLK		**96,336**	**1,649**	**12**	**393**	**1,244**	**12**	**580**	**84,245**
ANSON,HINDON & MINDEN, T		3,185	23	0	4	19	0	4	
DYSART ET AL, TP		4,671	37	0	7	30	0	7	
PROVINCIAL HIGHWAY			182	2	34	146	2	51	
OTHER AREAS		6,086	259	1	58	200	1	85	
HALIBURTON		**13,942**	**501**	**3**	**103**	**395**	**3**	**147**	**13,693**
BURLINGTON, C		132,772	2,230	2	414	1,814	3	591	
HALTON HILLS, T		42,390	570	1	150	419	3	230	
MILTON, T		3,146	746	8	192	546	8	296	
OAKVILLE, T		134,300	2,017	5	288	1,724	6	419	
PROVINCIAL HIGHWAY			2,350	2	404	1,944	2	660	
OTHER AREAS		17,005	74	0	13	61	0	16	
HALTON		**329,613**	**7,987**	**18**	**1,461**	**6,508**	**22**	**2,212**	**253,944**
ANCASTER, T		22,810	309	0	122	187	0	219	
DUNDAS, T		23,036	142	0	57	85	0	84	
FLAMBOROUGH, T		33,604	296	5	107	184	7	187	
GLANBROOK, TP		10,625	95	2	36	57	2	61	
HAMILTON, C		322,352	4,081	4	1,582	2,495	4	2,272	
STONEY CREEK, C		54,166	489	6	209	274	6	310	
PROVINCIAL HIGHWAY			919	5	236	678	5	367	
OTHER AREAS		0	85	0	23	62	0	33	
HAMILTON-WENTWORTH		**466,593**	**6,416**	**22**	**2,372**	**4,022**	**24**	**3,533**	**279,056**
BANCROFT, T		3,512	84	0	21	63	0	30	
BELLEVILLE, C	M	43,944	1,037	1	228	808	1	349	
DESERONTO, T	M	1,651	12	0	4	8	0	4	
MARMORA LAKE, TP		2,234	10	0	1	9	0	1	
TYENDINAGA, TP		3,355	41	1	10	30	1	23	
PROVINCIAL HIGHWAY			522	4	143	375	6	220	
OTHER AREAS		62,367	1,010	6	227	777	7	369	
HASTINGS		**117,063**	**2,716**	**12**	**634**	**2,070**	**15**	**996**	**96,605**
CLINTON, T	M	3,040	42	0	5	37	0	9	
COLBORNE, TP		2,106	15	0	2	13	0	5	

Table 4.1 **Continued**

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Injured	Motor Vehicle Registrations
EXETER, T	M	4,354	85	0	18	67	0	26	
GODERICH, T	M	7,428	107	0	11	96	0	14	
GODERICH, TP		2,630	24	1	6	17	1	10	
GREY, TP		1,966	14	0	2	12	0	3	
HOWICK, TP		3,495	12	0	2	10	0	2	
MORRIS, TP		1,770	19	0	4	15	0	4	
SEAFORTH, T	M	2,288	9	0	3	6	0	3	
STEPHEN, TP		4,245	30	1	9	20	1	21	
TUCKERSMITH, TP		3,038	18	0	7	11	0	12	
TURNBERRY, TP		1,741	17	0	3	14	0	4	
WINGHAM, T	M	2,883	21	0	2	19	0	3	
PROVINCIAL HIGHWAY			182	4	27	151	4	58	
OTHER AREAS		17,764	504	3	98	403	3	187	
HURON		**58,748**	**1,099**	**9**	**199**	**891**	**9**	**361**	**42,594**
DRYDEN, C	M	7,731	127	0	11	116	0	15	
IGNACE, TP		1,499	8	0	0	8	0	0	
KENORA, C		15,444	315	0	37	278	0	48	
RED LAKE, M		2,061	18	0	2	16	0	4	
SIOUX LOOKOUT, T		5,165	57	0	15	42	0	17	
PROVINCIAL HIGHWAY			801	8	156	637	12	249	
OTHER AREAS		3,723	152	1	32	119	1	55	
KENORA		**35,623**	**1,478**	**9**	**253**	**1,216**	**13**	**388**	**39,836**
PROVINCIAL HIGHWAY			154	2	45	107	2	79	
OTHER AREAS		0	1,552	8	390	1,154	8	594	
KENT		**109,945**	**1,706**	**10**	**435**	**1,261**	**10**	**673**	**83,349**
BOSANQUET, T		5,282	35	0	13	22	0	18	
BROOKE, TP		1,877	20	0	2	18	0	3	
ENNISKILLEN, TP		3,212	37	0	9	28	0	11	
FOREST, T		2,849	16	0	5	11	0	5	
MOORE, TP		10,789	67	2	21	44	2	29	
PETROLIA, T	M	4,792	60	0	14	46	0	21	
PLYMPTON, TP		5,038	27	0	9	18	0	13	
POINT EDWARD, VL	M	2,237	27	0	6	21	0	8	
SARNIA-CLEARWATER, C	M	70,503	969	4	218	747	5	302	
SOMBRA, TP		4,149	16	1	5	10	1	7	
WARWICK, TP		4,060	35	0	12	23	0	20	
WYOMING, VL		2,077	8	0	2	6	0	2	
PROVINCIAL HIGHWAY			180	3	43	134	3	68	
OTHER AREAS		6,525	386	2	88	296	2	134	
LAMBTON		**123,390**	**1,883**	**12**	**447**	**1,424**	**13**	**641**	**92,178**

Table 4.1 Continued

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Class of Collision: Personal Injury	Class of Collision: Property Damage	Persons: Killed	Persons: Injured	Motor Vehicle Registrations
GREY		**82,570**	**1,821**	**9**	**409**	**1,403**	**15**	**636**	**61,021**
DELHI, TP		15,134	233	4	50	179	4	62	
DUNNVILLE, T		11,781	137	2	29	106	2	42	
HALDIMAND, T		21,670	207	1	62	144	1	94	
NANTICOKE, C		22,000	226	3	56	167	3	83	
NORFOLK, TP		11,096	183	1	44	138	1	65	
SIMCOE, T		14,623	294	0	52	242	0	68	
PROVINCIAL HIGHWAY			188	1	55	132	1	95	
OTHER AREAS		32	181	0	45	136	0	71	
HALDIMAND-NORFOLK		**96,336**	**1,649**	**12**	**393**	**1,244**	**12**	**580**	**84,245**
ANSON,HINDON & MINDEN, T		3,185	23	0	4	19	0	4	
DYSART ET AL, TP		4,671	37	0	7	30	0	7	
PROVINCIAL HIGHWAY			182	2	34	146	2	51	
OTHER AREAS		6,086	259	1	58	200	1	85	
HALIBURTON		**13,942**	**501**	**3**	**103**	**395**	**3**	**147**	**13,693**
BURLINGTON, C		132,772	2,230	2	414	1,814	3	591	
HALTON HILLS, T		42,390	570	1	150	419	3	230	
MILTON, T		3,146	746	8	192	546	8	296	
OAKVILLE, T		134,300	2,017	5	288	1,724	6	419	
PROVINCIAL HIGHWAY			2,350	2	404	1,944	2	660	
OTHER AREAS		17,005	74	0	13	61	0	16	
HALTON		**329,613**	**7,987**	**18**	**1,461**	**6,508**	**22**	**2,212**	**253,944**
ANCASTER, T		22,810	309	0	122	187	0	219	
DUNDAS, T		23,036	142	0	57	85	0	84	
FLAMBOROUGH, T		33,604	296	5	107	184	7	187	
GLANBROOK, TP		10,625	95	2	36	57	2	61	
HAMILTON, C		322,352	4,081	4	1,582	2,495	4	2,272	
STONEY CREEK, C		54,166	489	6	209	274	6	310	
PROVINCIAL HIGHWAY			919	5	236	678	5	367	
OTHER AREAS		0	85	0	23	62	0	33	
HAMILTON-WENTWORTH		**466,593**	**6,416**	**22**	**2,372**	**4,022**	**24**	**3,533**	**279,056**
BANCROFT, T		3,512	84	0	21	63	0	30	
BELLEVILLE, C	M	43,944	1,037	1	228	808	1	349	
DESERONTO, T	M	1,651	12	0	4	8	0	4	
MARMORA LAKE, TP		2,234	10	0	1	9	0	1	
TYENDINAGA, TP		3,355	41	1	10	30	1	23	
PROVINCIAL HIGHWAY			522	4	143	375	6	220	
OTHER AREAS		62,367	1,010	6	227	777	7	369	
HASTINGS		**117,063**	**2,716**	**12**	**634**	**2,070**	**15**	**996**	**96,605**
CLINTON, T	M	3,040	42	0	5	37	0	9	
COLBORNE, TP		2,106	15	0	2	13	0	5	

Table 4.1 Continued

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Persons: Injured	Motor Vehicle Registrations
EXETER, T	M	4,354	85	0	18	67	0	26	
GODERICH, T	M	7,428	107	0	11	96	0	14	
GODERICH, TP		2,630	24	1	6	17	1	10	
GREY, TP		1,966	14	0	2	12	0	3	
HOWICK, TP		3,495	12	0	2	10	0	2	
MORRIS, TP		1,770	19	0	4	15	0	4	
SEAFORTH, T	M	2,288	9	0	3	6	0	3	
STEPHEN, TP		4,245	30	1	9	20	1	21	
TUCKERSMITH, TP		3,038	18	0	7	11	0	12	
TURNBERRY, TP		1,741	17	0	3	14	0	4	
WINGHAM, T	M	2,883	21	0	2	19	0	3	
PROVINCIAL HIGHWAY			182	4	27	151	4	58	
OTHER AREAS		17,764	504	3	98	403	3	187	
HURON		**58,748**	**1,099**	**9**	**199**	**891**	**9**	**361**	**42,594**
DRYDEN, C	M	7,731	127	0	11	116	0	15	
IGNACE, TP		1,499	8	0	0	8	0	0	
KENORA, C		15,444	315	0	37	278	0	48	
RED LAKE, M		2,061	18	0	2	16	0	4	
SIOUX LOOKOUT, T		5,165	57	0	15	42	0	17	
PROVINCIAL HIGHWAY			801	8	156	637	12	249	
OTHER AREAS		3,723	152	1	32	119	1	55	
KENORA		**35,623**	**1,478**	**9**	**253**	**1,216**	**13**	**388**	**39,836**
PROVINCIAL HIGHWAY			154	2	45	107	2	79	
OTHER AREAS		0	1,552	8	390	1,154	8	594	
KENT		**109,945**	**1,706**	**10**	**435**	**1,261**	**10**	**673**	**83,349**
BOSANQUET, T		5,282	35	0	13	22	0	18	
BROOKE, TP		1,877	20	0	2	18	0	3	
ENNISKILLEN, TP		3,212	37	0	9	28	0	11	
FOREST, T		2,849	16	0	5	11	0	5	
MOORE, TP		10,789	67	2	21	44	2	29	
PETROLIA, T	M	4,792	60	0	14	46	0	21	
PLYMPTON, TP		5,038	27	0	9	18	0	13	
POINT EDWARD, VL	M	2,237	27	0	6	21	0	8	
SARNIA-CLEARWATER, C	M	70,503	969	4	218	747	5	302	
SOMBRA, TP		4,149	16	1	5	10	1	7	
WARWICK, TP		4,060	35	0	12	23	0	20	
WYOMING, VL		2,077	8	0	2	6	0	2	
PROVINCIAL HIGHWAY			180	3	43	134	3	68	
OTHER AREAS		6,525	386	2	88	296	2	134	
LAMBTON		**123,390**	**1,883**	**12**	**447**	**1,424**	**13**	**641**	**92,178**

Table 4.1 Continued

Location		Estimated Population (2000)*	Total Collisions	Class of Collision Fatal	Personal Injury	Property Damage	Persons Killed	Persons Injured	Motor Vehicle Registrations
CARLETON PLACE, T	M	9,150	86	0	8	78	0	9	
MONTAGUE, TP		3,675	28	0	3	25	0	3	
PERTH, T	M	5,808	152	0	30	122	0	45	
SMITHS FALLS, T	M	8,969	186	0	30	156	0	42	
PROVINCIAL HIGHWAY			173	4	30	139	4	67	
OTHER AREAS		30,493	784	2	119	663	3	188	
LANARK		**58,095**	**1,409**	**6**	**220**	**1,183**	**7**	**354**	**45,401**
AUGUSTA, TP		7,327	53	1	7	45	1	12	
BROCKVILLE, C	M	21,590	400	1	81	318	1	151	
CARDINAL, VL	M	1,629	7	0	1	6	0	3	
EDWARDSBURG, TP		4,640	37	0	6	31	0	6	
ELIZABETHTOWN, TP		8,000	53	0	14	39	0	19	
F OF LEEDS and LANSDOWNE, TP		4,779	32	0	4	28	0	5	
FRONT OF YONGE, TP		2,417	19	0	3	16	0	6	
KITLEY, TP		2,359	17	1	4	12	1	7	
PRESCOTT, T	M	3,995	55	0	10	45	0	15	
R LEEDS AND LANSDOWNE, TP		2,670	16	0	6	10	0	7	
R YONGE AND ESCOTT, TP		1,948	15	0	3	12	0	5	
PROVINCIAL HIGHWAY			559	4	127	428	8	224	
OTHER AREAS		31,172	934	1	190	743	1	295	
LEEDS & GRENVILLE		**92,526**	**2,197**	**8**	**456**	**1,733**	**12**	**755**	**71,919**
PROVINCIAL HIGHWAY			285	1	65	219	1	101	
OTHER AREAS		0	554	5	125	424	5	186	
LENNOX & ADDINGTON		**35,629**	**839**	**6**	**190**	**643**	**6**	**287**	**25,955**
PROVINCIAL HIGHWAY			201	0	36	165	0	54	
OTHER AREAS		0	123	1	32	90	1	48	
MANITOULIN		**7,052**	**324**	**1**	**68**	**255**	**1**	**102**	**10,183**
ADELAIDE, TP		1,942	18	0	3	15	0	7	
CARADOC, TP		6,031	80	3	17	60	6	39	
EKFRID, TP		2,236	21	0	2	19	0	2	
GLENCOE, VL		2,200	12	0	1	11	0	1	
LUCAN BIDDULPH, TP		4,085	30	1	3	26	1	4	
LONDON, C	M	330,258	7,378	13	2,235	5,130	16	3,318	
MCGILLIVRAY, TP		1,809	21	1	6	14	1	13	
NORTH DORCHESTER, TP		8,382	152	1	38	113	1	57	
WEST NISSOURI, TP		3,317	28	1	7	20	1	10	
STRATHROY, T	M	11,495	102	0	22	80	0	24	
PROVINCIAL HIGHWAY			437	3	92	342	3	133	
OTHER AREAS		20,686	667	12	184	471	13	317	

Table 4.1 Continued

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Persons: Injured	Motor Vehicle Registrations
MIDDLESEX		**392,441**	**8,948**	**35**	**2,610**	**6,301**	**42**	**3,925**	**257,462**
BRACEBRIDGE, T		13,223	196	0	45	151	0	60	
GRAVENHURST, T		10,030	99	1	27	71	1	46	
HUNTSVILLE, T		16,000	196	0	38	158	0	56	
LAKE OF BAYS, TP		2,533	16	0	4	12	0	5	
MUSKOKA LAKES, TP		5,430	66	2	20	44	2	28	
PROVINCIAL HIGHWAY			503	10	139	354	15	208	
OTHER AREAS		3,089	344	3	81	260	3	123	
MUSKOKA		**50,305**	**1,420**	**16**	**354**	**1,050**	**21**	**526**	**44,661**
FORT ERIE, T		28,565	469	2	108	359	2	166	
GRIMSBY, T		19,585	244	2	48	194	2	75	
LINCOLN, TP		18,175	255	4	61	190	6	92	
NIAGARA-ON-THE-LAKE, T		12,580	261	1	70	190	1	106	
NIAGARA FALLS, C		75,498	1,568	6	297	1,265	7	444	
PELHAM, T		14,343	225	2	47	176	2	67	
PORT COLBORNE, C		18,182	281	0	59	222	0	79	
ST CATHARINES, C		130,926	2,333	2	422	1,909	2	603	
THOROLD, C		17,846	278	1	59	218	1	77	
WAINFLEET, TP		6,069	89	2	25	62	2	38	
WELLAND, C		47,617	874	1	187	686	1	301	
WEST LINCOLN, TP		11,238	194	5	52	137	5	88	
PROVINCIAL HIGHWAY			1,281	10	328	943	11	527	
OTHER AREAS		22,976	298	1	64	233	2	95	
NIAGARA		**423,600**	**8,650**	**39**	**1,827**	**6,784**	**44**	**2,758**	**288,881**
EAST FERRIS, TP		4,292	31	0	3	28	0	4	
MATTAWA, T		2,332	12	0	3	9	0	6	
NORTH BAY, C	M	56,411	710	0	193	517	0	282	
PROVINCIAL HIGHWAY			567	6	149	412	8	231	
OTHER AREAS		17,344	241	1	44	196	1	64	
NIPISSING		**80,379**	**1,561**	**7**	**392**	**1,162**	**9**	**587**	**58,226**
BRIGHTON, TP		3,518	30	0	7	23	0	9	
BRIGHTON, T		4,510	36	0	6	30	0	6	
COBOURG, T	M	15,426	225	0	54	171	0	68	
COLBORNE, VL		1,876	5	0	2	3	0	2	
CRAMAHE, TP		3,239	23	2	5	16	2	7	
HALDIMAND, TP		4,195	42	1	13	28	1	14	
HOPE, TP		3,562	32	0	8	24	0	8	
PERCY, TP		3,098	36	0	4	32	0	4	
PORT HOPE, T	M	12,500	100	0	18	82	0	24	

Table 4.1 **Continued**

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Class of Collision: Personal Injury	Class of Collision: Property Damage	Persons: Killed	Persons: Injured	Motor Vehicle Registrations
CARLETON PLACE T	M	9,150	86	0	8	78	0	9	
MONTAGUE TP		3,675	28	0	3	25	0	3	
PERTH T	M	5,808	152	0	30	122	0	45	
SMITHS FALLS T	M	8,969	186	0	30	156	0	42	
PROVINCIAL HIGHWAY			173	4	30	139	4	67	
OTHER AREAS		30,493	784	2	119	663	3	188	
LANARK		**58,095**	**1,409**	**6**	**220**	**1,183**	**7**	**354**	**45,401**
AUGUSTA TP		7,327	53	1	7	45	1	12	
BROCKVILLE C	M	21,590	400	1	81	318	1	151	
CARDINAL VL	M	1,629	7	0	1	6	0	3	
EDWARDSBURG TP		4,640	37	0	6	31	0	6	
ELIZABETHTOWN TP		8,000	53	0	14	39	0	19	
F OF LEEDS and LANSDOWNE TP		4,779	32	0	4	28	0	5	
FRONT OF YONGE TP		2,417	19	0	3	16	0	6	
KITLEY TP		2,359	17	1	4	12	1	7	
PRESCOTT T	M	3,995	55	0	10	45	0	15	
R LEEDS AND LANSDOWNE TP		2,670	16	0	6	10	0	7	
R YONGE AND ESCOTT TP		1,948	15	0	3	12	0	5	
PROVINCIAL HIGHWAY			559	4	127	428	8	224	
OTHER AREAS		31,172	934	1	190	743	1	295	
LEEDS & GRENVILLE		**92,526**	**2,197**	**8**	**456**	**1,733**	**12**	**755**	**71,919**
PROVINCIAL HIGHWAY			285	1	65	219	1	101	
OTHER AREAS		0	554	5	125	424	5	186	
LENNOX & ADDINGTON		**35,629**	**839**	**6**	**190**	**643**	**6**	**287**	**25,955**
PROVINCIAL HIGHWAY			201	0	36	165	0	54	
OTHER AREAS		0	123	1	32	90	1	48	
MANITOULIN		**7,052**	**324**	**1**	**68**	**255**	**1**	**102**	**10,183**
ADELAIDE TP		1,942	18	0	3	15	0	7	
CARADOC TP		6,031	80	3	17	60	6	39	
EKFRID TP		2,236	21	0	2	19	0	2	
GLENCOE VL		2,200	12	0	1	11	0	1	
LUCAN BIDDULPH TP		4,085	30	1	3	26	1	4	
LONDON C	M	330,258	7,378	13	2,235	5,130	16	3,318	
MCGILLIVRAY TP		1,809	21	1	6	14	1	13	
NORTH DORCHESTER TP		8,382	152	1	38	113	1	57	
WEST NISSOURI TP		3,317	28	1	7	20	1	10	
STRATHROY T	M	11,495	102	0	22	80	0	24	
PROVINCIAL HIGHWAY			437	3	92	342	3	133	
OTHER AREAS		20,686	667	12	184	471	13	317	

Table 4.1 **Continued**

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Injured	Motor Vehicle Registrations
MIDDLESEX		**392,441**	**8,946**	**35**	**2,610**	**6,301**	**42**	**3,925**	**257,462**
BRACEBRIDGE, T		13,223	196	0	45	151	0	60	
GRAVENHURST, T		10,030	99	1	27	71	1	46	
HUNTSVILLE, T		16,000	196	0	38	158	0	56	
LAKE OF BAYS, TP		2,533	16	0	4	12	0	5	
MUSKOKA LAKES, TP		5,430	66	2	20	44	2	28	
PROVINCIAL HIGHWAY			503	10	139	354	15	208	
OTHER AREAS		3,089	344	3	81	260	3	123	
MUSKOKA		**50,305**	**1,420**	**16**	**354**	**1,050**	**21**	**526**	**44,661**
FORT ERIE, T		28,565	469	2	108	359	2	166	
GRIMSBY, T		19,585	244	2	48	194	2	75	
LINCOLN, TP		18,175	255	4	61	190	6	92	
NIAGARA-ON-THE-LAKE, T		12,580	261	1	70	190	1	106	
NIAGARA FALLS, C		75,498	1,568	6	297	1,265	7	444	
PELHAM, T		14,343	225	2	47	176	2	67	
PORT COLBORNE, C		18,182	281	0	59	222	0	79	
ST CATHARINES, C		130,926	2,333	2	422	1,909	2	603	
THOROLD, C		17,846	278	1	59	218	1	77	
WAINFLEET, TP		6,069	89	2	25	62	2	38	
WELLAND, C		47,617	874	1	187	686	1	301	
WEST LINCOLN, TP		11,238	194	5	52	137	5	88	
PROVINCIAL HIGHWAY			1,281	10	328	943	11	527	
OTHER AREAS		22,976	298	1	64	233	2	95	
NIAGARA		**423,600**	**8,650**	**39**	**1,827**	**6,784**	**44**	**2,758**	**288,881**
EAST FERRIS, TP		4,292	31	0	3	28	0	4	
MATTAWA, T		2,332	12	0	3	9	0	6	
NORTH BAY, C	M	56,411	710	0	193	517	0	282	
PROVINCIAL HIGHWAY			567	6	149	412	8	231	
OTHER AREAS		17,344	241	1	44	196	1	64	
NIPISSING		**80,379**	**1,561**	**7**	**392**	**1,162**	**9**	**587**	**58,226**
BRIGHTON, TP		3,518	30	0	7	23	0	9	
BRIGHTON, T		4,510	36	0	6	30	0	6	
COBOURG, T	M	15,426	225	0	54	171	0	68	
COLBORNE, VL		1,876	5	0	2	3	0	2	
CRAMAHE, TP		3,239	23	2	5	16	2	7	
HALDIMAND, TP		4,195	42	1	13	28	1	14	
HOPE, TP		3,562	32	0	8	24	0	8	
PERCY, TP		3,098	36	0	4	32	0	4	
PORT HOPE, T	M	12,500	100	0	18	82	0	24	

Table 4.1 **Continued**

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Injured	Motor Vehicle Registrations
PROVINCIAL HIGHWAY			398	1	88	309	1	138	
OTHER AREAS		17,581	564	4	143	417	5	217	
NORTHUMBERLAND		**59,505**	**1,491**	**8**	**348**	**1,135**	**10**	**497**	**59,291**
CUMBERLAND, TP		51,637	345	2	99	244	3	161	
WEST CARLETON, TP		16,500	236	1	42	193	1	68	
GLOUCESTER, C	M	110,000	1,145	2	276	867	2	376	
GOULBOURN, TP		21,007	216	0	47	169	0	64	
KANATA, C		53,000	660	0	144	516	0	206	
NEPEAN, C	M	124,000	1,571	2	398	1,171	2	589	
OSGOODE, TP		15,845	263	3	55	205	3	96	
OTTAWA, C	M	330,228	6,071	6	1,455	4,610	6	1,933	
RIDEAU, TP		12,231	171	0	41	130	0	63	
ROCKCLIFFE PARK, VL		2,191	8	0	4	4	0	4	
VANIER, C		17,249	243	0	66	177	0	87	
PROVINCIAL HIGHWAY			1,266	3	280	983	3	426	
OTHER AREAS		37,412	360	0	52	308	0	69	
OTTAWA-CARLETON		**791,300**	**12,555**	**19**	**2,959**	**9,577**	**20**	**4,142**	**435,545**
INGERSOLL, T	M	10,009	113	0	23	90	0	25	
TILLSONBURG, T	M	15,000	195	0	40	155	0	62	
WOODSTOCK, C	M	32,347	648	0	172	476	0	268	
ZORRA, TP		8,107	74	0	22	52	0	38	
PROVINCIAL HIGHWAY			365	2	79	284	3	111	
OTHER AREAS		31,679	533	3	139	391	3	222	
OXFORD		**97,142**	**1,928**	**5**	**475**	**1,448**	**6**	**726**	**74,262**
MCDOUGALL, TP		2,177	16	0	1	15	0	2	
PERRY, TP		1,987	10	1	2	7	1	2	
PROVINCIAL HIGHWAY			656	15	139	502	20	264	
OTHER AREAS		29,101	375	3	65	307	3	92	
PARRY SOUND		**33,265**	**1,057**	**19**	**207**	**831**	**24**	**360**	**36,192**
BRAMPTON, C		310,000	4,896	14	924	3,958	19	1,384	
CALEDON, T		48,000	985	6	214	765	7	344	
MISSISSAUGA, C		601,000	8,169	18	1,232	6,919	18	1,699	
PROVINCIAL HIGHWAY			3,395	6	509	2,880	8	742	
OTHER AREAS		0	372	0	32	340	0	53	
PEEL		**959,000**	**17,817**	**44**	**2,911**	**14,862**	**52**	**4,222**	**607,270**
ST. MARYS, T	M	5,952	69	0	14	55	0	25	
STRATFORD, C	M	30,000	569	0	158	411	0	221	
PROVINCIAL HIGHWAY			145	1	46	98	1	81	
OTHER AREAS		34,110	648	8	164	476	9	247	

Table 4.1 **Continued**

Location		Estimated Population (2000)*	Total Collisions	Class of Collision Fatal	Personal Injury	Property Damage	Persons Killed	Injured	Motor Vehicle Registrations
PERTH		**70,062**	**1,431**	**9**	**382**	**1,040**	**10**	**574**	**51,178**
LAKEFIELD, VL	M	2,321	23	0	5	18	0	8	
PETERBOROUGH, C	M	68,748	1,023	3	322	698	4	490	
PROVINCIAL HIGHWAY			294	2	83	209	4	149	
OTHER AREAS		46,918	812	5	197	610	5	311	
PETERBOROUGH		**117,987**	**2,152**	**10**	**607**	**1,535**	**13**	**958**	**90,225**
CASSELMAN, VL		2,838	26	0	5	21	0	6	
EAST HAWKESBURY, TP		3,335	9	0	3	6	0	4	
HAWKESBURY, T	M	10,266	202	0	36	166	0	49	
RUSSELL, TP		11,652	53	0	17	36	0	17	
PROVINCIAL HIGHWAY			145	1	39	105	1	59	
OTHER AREAS		45,540	725	5	177	543	5	264	
PRESCOTT & RUSSELL		**73,631**	**1,160**	**6**	**277**	**877**	**6**	**399**	**64,610**
PROVINCIAL HIGHWAY			70	0	12	58	0	21	
OTHER AREAS		0	456	0	62	394	0	86	
PRINCE EDWARD		**25,046**	**526**	**0**	**74**	**452**	**0**	**107**	**19,267**
ATIKOKAN, TP	M	3,493	30	1	1	28	1	1	
FORT FRANCES, T	M	8,514	163	0	33	130	0	49	
PROVINCIAL HIGHWAY			239	0	46	193	0	62	
OTHER AREAS		6,190	86	1	25	60	1	36	
RAINY RIVER		**18,197**	**518**	**2**	**105**	**411**	**2**	**148**	**17,608**
ARNPRIOR, T		7,113	77	0	17	60	0	19	
DEEP RIVER, T	M	4,203	13	0	4	9	0	6	
HORTON, TP		2,443	22	0	4	18	0	6	
LAURENTIAN VALLEY, TP		8,827	18	0	7	11	0	7	
PEMBROKE, C	M	13,492	200	0	52	148	0	79	
PETAWAWA, T		15,075	52	0	9	43	0	14	
RENFREW, T	M	8,265	81	0	24	57	0	37	
WESTMEATH, TP		2,591	9	0	2	7	0	2	
PROVINCIAL HIGHWAY			422	9	108	305	9	179	
OTHER AREAS		30,538	715	3	163	549	3	248	
RENFREW		**92,547**	**1,609**	**12**	**390**	**1,207**	**12**	**597**	**72,985**
BARRIE, C	M	78,965	2,219	2	364	1,853	2	508	
COLLINGWOOD, T	M	15,745	295	0	72	223	0	109	
ESSA, TP		15,904	91	1	25	65	1	31	
INNISFIL, T	M	24,853	223	0	58	165	0	100	
MIDLAND, T	M	16,406	253	0	51	202	0	75	
ORILLIA, C	M	27,905	684	0	135	549	0	192	
TINY, TP		8,875	99	0	27	72	0	44	

Table 4.1 Continued

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Injured	Motor Vehicle Registrations
PROVINCIAL HIGHWAY			398	1	88	309	1	138	
OTHER AREAS		17,581	564	4	143	417	6	217	
NORTHUMBERLAND		**69,505**	**1,491**	**8**	**348**	**1,135**	**10**	**497**	**59,291**
CUMBERLAND, TP		51,637	345	2	99	244	3	161	
WEST CARLETON, TP		16,500	236	1	42	193	1	68	
GLOUCESTER, C	M	110,000	1,145	2	276	867	2	376	
GOULBOURN, TP		21,007	216	0	47	169	0	64	
KANATA, C		53,000	660	0	144	516	0	206	
NEPEAN, C	M	124,000	1,571	2	398	1,171	2	589	
OSGOODE, TP		15,845	263	3	55	205	3	96	
OTTAWA, C	M	330,228	6,071	6	1,455	4,610	6	1,933	
RIDEAU, TP		12,231	171	0	41	130	0	63	
ROCKCLIFFE PARK, VL		2,191	8	0	4	4	0	4	
VANIER, C		17,249	243	0	66	177	0	87	
PROVINCIAL HIGHWAY			1,266	3	280	983	3	426	
OTHER AREAS		37,412	360	0	52	308	0	69	
OTTAWA-CARLETON		**791,300**	**12,555**	**19**	**2,959**	**9,577**	**20**	**4,142**	**435,545**
INGERSOLL, T	M	10,009	113	0	23	90	0	25	
TILLSONBURG, T	M	15,000	195	0	40	155	0	62	
WOODSTOCK, C	M	32,347	648	0	172	476	0	268	
ZORRA, TP		8,107	74	0	22	52	0	38	
PROVINCIAL HIGHWAY			365	2	79	284	3	111	
OTHER AREAS		31,679	533	3	139	391	3	222	
OXFORD		**97,142**	**1,928**	**5**	**475**	**1,448**	**6**	**726**	**74,262**
MCDOUGALL, TP		2,177	16	0	1	15	0	2	
PERRY, TP		1,987	10	1	2	7	1	2	
PROVINCIAL HIGHWAY			656	15	139	502	20	264	
OTHER AREAS		29,101	375	3	65	307	3	92	
PARRY SOUND		**33,265**	**1,057**	**19**	**207**	**831**	**24**	**360**	**36,192**
BRAMPTON, C		310,000	4,896	14	924	3,958	19	1,384	
CALEDON, T		48,000	985	6	214	765	7	344	
MISSISSAUGA, C		601,000	8,169	18	1,232	6,919	18	1,699	
PROVINCIAL HIGHWAY			3,395	6	509	2,880	8	742	
OTHER AREAS		0	372	0	32	340	0	53	
PEEL		**959,000**	**17,817**	**44**	**2,911**	**14,862**	**52**	**4,222**	**607,270**
ST. MARYS, T	M	5,952	69	0	14	55	0	25	
STRATFORD, C	M	30,000	569	0	158	411	0	221	
PROVINCIAL HIGHWAY			145	1	46	98	1	81	
OTHER AREAS		34,110	648	8	164	476	9	247	

Table 4.1 Continued

Location		Estimated Population (2000)*	Total Collisions	Class of Collision Fatal	Personal Injury	Property Damage	Persons Killed	Persons Injured	Motor Vehicle Registrations
PERTH		**70,062**	**1,431**	**9**	**382**	**1,040**	**10**	**574**	**51,178**
LAKEFIELD, VL	M	2,321	23	0	5	18	0	8	
PETERBOROUGH, C	M	68,748	1,023	3	322	698	4	490	
PROVINCIAL HIGHWAY			294	2	83	209	4	149	
OTHER AREAS		46,918	812	5	197	610	5	311	
PETERBOROUGH		**117,987**	**2,152**	**10**	**607**	**1,535**	**13**	**958**	**90,225**
CASSELMAN, VL		2,838	26	0	5	21	0	6	
EAST HAWKESBURY, TP		3,335	9	0	3	6	0	4	
HAWKESBURY, T	M	10,266	202	0	36	166	0	49	
RUSSELL, TP		11,652	53	0	17	36	0	17	
PROVINCIAL HIGHWAY			145	1	39	105	1	59	
OTHER AREAS		45,540	725	5	177	543	5	264	
PRESCOTT & RUSSELL		**73,631**	**1,160**	**6**	**277**	**877**	**6**	**399**	**64,610**
PROVINCIAL HIGHWAY			70	0	12	58	0	21	
OTHER AREAS		0	456	0	62	394	0	86	
PRINCE EDWARD		**25,046**	**526**	**0**	**74**	**452**	**0**	**107**	**19,267**
ATIKOKAN, TP	M	3,493	30	1	1	28	1	1	
FORT FRANCES, T	M	8,514	163	0	33	130	0	49	
PROVINCIAL HIGHWAY			239	0	46	193	0	62	
OTHER AREAS		6,190	86	1	25	60	1	36	
RAINY RIVER		**18,197**	**518**	**2**	**105**	**411**	**2**	**148**	**17,608**
ARNPRIOR, T		7,113	77	0	17	60	0	19	
DEEP RIVER, T	M	4,203	13	0	4	9	0	6	
HORTON, TP		2,443	22	0	4	18	0	6	
LAURENTIAN VALLEY, TP		8,827	18	0	7	11	0	7	
PEMBROKE, C	M	13,492	200	0	52	148	0	79	
PETAWAWA, T		15,075	52	0	9	43	0	14	
RENFREW, T	M	8,265	81	0	24	57	0	37	
WESTMEATH, TP		2,591	9	0	2	7	0	2	
PROVINCIAL HIGHWAY			422	9	108	305	9	179	
OTHER AREAS		30,538	715	3	163	549	3	248	
RENFREW		**92,547**	**1,609**	**12**	**390**	**1,207**	**12**	**597**	**72,985**
BARRIE, C	M	78,965	2,219	2	364	1,853	2	508	
COLLINGWOOD, T	M	15,745	295	0	72	223	0	109	
ESSA, TP		15,904	91	1	25	65	1	31	
INNISFIL, T	M	24,853	223	0	58	165	0	100	
MIDLAND, T	M	16,406	253	0	51	202	0	75	
ORILLIA, C	M	27,905	684	0	135	549	0	192	
TINY, TP		8,875	99	0	27	72	0	44	

Table 4.1 **Continued**

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Injured	Motor Vehicle Registrations
WASAGA BEACH, T		11,500	166	1	37	128	1	58	
PROVINCIAL HIGHWAY			1,661	13	371	1,277	15	586	
OTHER AREAS		129,513	2,583	21	643	1,919	23	1,019	
SIMCOE		**329,666**	**8,274**	**38**	**1,783**	**6,453**	**42**	**2,722**	**270,653**
CORNWALL, C	M	46,802	921	2	200	719	2	302	
PROVINCIAL HIGHWAY			415	4	102	309	5	170	
OTHER AREAS		61,800	962	5	194	763	6	277	
STORMONT, DUNDAS & GLENGARRY		**108,602**	**2,298**	**11**	**496**	**1,791**	**13**	**749**	**77,708**
CAPREOL, T		3,620	25	1	4	20	1	5	
ESPANOLA, T	M	5,306	48	0	13	35	0	17	
NICKEL CENTRE, T		12,604	27	0	9	18	0	13	
ONAPING FALLS, T		5,183	9	0	2	7	0	2	
RAYSIDE-BALFOUR, T		16,050	74	0	17	57	0	30	
SUDBURY, C	M	91,056	1,198	1	291	906	2	416	
VALLEY EAST, T		23,537	104	1	36	67	1	47	
WALDEN, T		9,895	44	0	16	28	0	24	
PROVINCIAL HIGHWAY			745	14	229	502	18	376	
OTHER AREAS		16,336	1,072	3	315	754	3	486	
SUDBURY		**183,587**	**3,346**	**20**	**932**	**2,394**	**25**	**1,416**	**130,051**
GERALDTON, T		2,555	30	0	5	25	0	8	
LONGLAC, T		1,769	20	0	1	19	0	1	
MANITOUWADGE, TP		3,229	27	0	4	23	0	6	
MARATHON, T	M	4,648	25	0	3	22	0	3	
NIPIGON, TP		2,021	13	0	0	13	0	0	
SCHREIBER, TP		1,626	6	0	2	4	0	3	
TERRACE BAY, TP	M	2,189	18	0	0	18	0	0	
THUNDER BAY, C	M	116,965	1,563	2	625	936	2	889	
PROVINCIAL HIGHWAY			992	11	225	756	13	369	
OTHER AREAS		11,987	1,078	1	62	1,015	1	92	
THUNDER BAY		**146,989**	**3,772**	**14**	**927**	**2,831**	**16**	**1,371**	**115,102**
ENGLEHART, T		1,655	14	0	1	13	0	1	
HAILEYBURY, T		4,545	55	0	14	41	0	28	
KIRKLAND LAKE, T	M	9,905	119	0	22	97	0	24	
NEW LISKEARD, T	M	4,856	120	1	18	101	1	25	
PROVINCIAL HIGHWAY			278	6	73	199	7	103	
OTHER AREAS		12,120	106	2	25	79	2	34	

Table 4.1 **Continued**

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Persons: Injured	Motor Vehicle Registrations
TIMISKAMING		**33,081**	**692**	**9**	**153**	**530**	**10**	**215**	**26,960**
TORONTO, C	M	2,385,421	59,568	59	16,640	42,869	64	24,017	
PROVINCIAL HIGHWAY			9,536	5	1,988	7,543	5	3,026	
OTHER AREAS		0	9	0	4	5	0	48	
TORONTO		**2,385,421**	**69,113**	**64**	**18,632**	**50,417**	**69**	**27,091**	**1,152,415**
BOBCAYGEON/VERULAM, TP		7,864	46	0	8	38	0	9	
ELDON, TP		2,887	9	0	1	8	0	2	
EMILY, TP		6,362	36	0	11	25	0	13	
FENELON, TP		5,593	31	0	3	28	0	3	
FENELON FALLS, VL		2,040	20	0	3	17	0	3	
LINDSAY, T	M	16,815	353	0	87	266	0	154	
MANVERS, TP		5,283	28	0	5	23	0	5	
MARIPOSA, TP		6,929	24	1	6	17	1	9	
SOMERVILLE, TP		2,066	18	0	4	14	0	10	
PROVINCIAL HIGHWAY			274	1	68	205	1	108	
OTHER AREAS		8,212	575	2	150	423	2	241	
VICTORIA		**64,051**	**1,414**	**4**	**346**	**1,064**	**4**	**557**	**57,187**
CAMBRIDGE, C		110,500	2,493	3	627	1,863	3	899	
KITCHENER, C		189,700	3,986	1	869	3,116	1	1,225	
NORTH DUMFRIES, TP		8,580	216	0	44	172	0	53	
WATERLOO, C		99,300	1,801	1	378	1,422	1	517	
WELLESLEY, TP		9,100	56	1	12	43	1	25	
WILMOT, TP		15,380	218	1	39	178	1	63	
WOOLWICH, TP		18,380	396	6	95	295	7	161	
PROVINCIAL HIGHWAY			983	3	190	790	5	275	
OTHER AREAS		0	198	1	39	158	2	49	
WATERLOO		**450,940**	**10,347**	**17**	**2,293**	**8,037**	**21**	**3,267**	**284,549**
ERIN, T		10,700	75	0	20	55	0	22	
GUELPH, C	M	92,130	1,680	5	624	1,051	5	973	
MINTO, T		7,120	35	0	4	31	0	14	
PROVINCIAL HIGHWAY			621	3	166	452	3	287	
OTHER AREAS		45,680	1,392	10	332	1,050	13	513	
WELLINGTON		**155,630**	**3,803**	**18**	**1,146**	**2,639**	**21**	**1,809**	**127,968**
AURORA, T		42,205	463	1	76	386	1	100	
GEORGINA, T		39,572	439	3	96	340	3	170	
E GWILLIMBURY, T		21,921	331	1	75	255	1	112	

Table 4.1 Continued

Location		Estimated Population (2000)*	Total Collisions	Class of Collision Fatal	Personal Injury	Property Damage	Persons Killed	Injured	Motor Vehicle Registrations
WASAGA BEACH, T		11,500	166	1	37	128	1	58	
PROVINCIAL HIGHWAY			1,661	13	371	1,277	15	586	
OTHER AREAS		129,513	2,583	21	643	1,919	23	1,019	
SIMCOE		**329,666**	**8,274**	**38**	**1,783**	**6,453**	**42**	**2,722**	**270,653**
CORNWALL, C	M	46,802	921	2	200	719	2	302	
PROVINCIAL HIGHWAY			415	4	102	309	5	170	
OTHER AREAS		61,800	962	5	194	763	6	277	
STORMONT, DUNDAS & GLENGARRY		**108,602**	**2,298**	**11**	**496**	**1,791**	**13**	**749**	**77,708**
CAPREOL, T		3,620	25	1	4	20	1	5	
ESPANOLA, T	M	5,306	48	0	13	35	0	17	
NICKEL CENTRE, T		12,604	27	0	9	18	0	13	
ONAPING FALLS, T		5,183	9	0	2	7	0	2	
RAYSIDE-BALFOUR, T		16,050	74	0	17	57	0	30	
SUDBURY, C	M	91,056	1,198	1	291	906	2	416	
VALLEY EAST, T		23,537	104	1	36	67	1	47	
WALDEN, T		9,895	44	0	16	28	0	24	
PROVINCIAL HIGHWAY			745	14	229	502	18	376	
OTHER AREAS		16,336	1,072	3	315	754	3	486	
SUDBURY		**183,587**	**3,346**	**20**	**932**	**2,394**	**25**	**1,416**	**130,051**
GERALDTON, T		2,555	30	0	5	25	0	8	
LONGLAC, T		1,769	20	0	1	19	0	1	
MANITOUWADGE, TP		3,229	27	0	4	23	0	6	
MARATHON, T	M	4,648	25	0	3	22	0	3	
NIPIGON, TP		2,021	13	0	0	13	0	0	
SCHREIBER, TP		1,626	6	0	2	4	0	3	
TERRACE BAY, TP	M	2,189	18	0	0	18	0	0	
THUNDER BAY, C	M	116,965	1,563	2	625	936	2	889	
PROVINCIAL HIGHWAY			992	11	225	756	13	369	
OTHER AREAS		11,987	1,078	1	62	1,015	1	92	
THUNDER BAY		**146,989**	**3,772**	**14**	**927**	**2,831**	**16**	**1,371**	**115,102**
ENGLEHART, T		1,655	14	0	1	13	0	1	
HAILEYBURY, T		4,545	55	0	14	41	0	28	
KIRKLAND LAKE, T	M	9,905	119	0	22	97	0	24	
NEW LISKEARD, T	M	4,856	120	1	18	101	1	25	
PROVINCIAL HIGHWAY			278	6	73	199	7	103	
OTHER AREAS		12,120	106	2	25	79	2	34	

Table 4.1 Continued

Location		Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Persons: Injured	Motor Vehicle Registrations
TIMISKAMING		**33,081**	**692**	**9**	**153**	**530**	**10**	**215**	**26,960**
TORONTO, C	M	2,385,421	59,568	59	16,640	42,869	64	24,017	
PROVINCIAL HIGHWAY			9,536	5	1,988	7,543	5	3,026	
OTHER AREAS		0	9	0	4	5	0	48	
TORONTO		**2,385,421**	**69,113**	**64**	**18,632**	**50,417**	**69**	**27,091**	**1,152,415**
BOBCAYGEON/VERULAM, TP		7,864	46	0	8	38	0	9	
ELDON, TP		2,887	9	0	1	8	0	2	
EMILY, TP		6,362	36	0	11	25	0	13	
FENELON, TP		5,593	31	0	3	28	0	3	
FENELON FALLS, VL		2,040	20	0	3	17	0	3	
LINDSAY, T	M	16,815	353	0	87	266	0	154	
MANVERS, TP		5,283	28	0	5	23	0	5	
MARIPOSA, TP		6,929	24	1	6	17	1	9	
SOMERVILLE, TP		2,066	18	0	4	14	0	10	
PROVINCIAL HIGHWAY			274	1	68	205	1	108	
OTHER AREAS		8,212	575	2	150	423	2	241	
VICTORIA		**64,051**	**1,414**	**4**	**346**	**1,064**	**4**	**557**	**57,187**
CAMBRIDGE, C		110,500	2,493	3	627	1,863	3	899	
KITCHENER, C		189,700	3,986	1	869	3,116	1	1,225	
NORTH DUMFRIES, TP		8,580	216	0	44	172	0	53	
WATERLOO, C		99,300	1,801	1	378	1,422	1	517	
WELLESLEY, TP		9,100	56	1	12	43	1	25	
WILMOT, TP		15,380	218	1	39	178	1	63	
WOOLWICH, TP		18,380	396	6	95	295	7	161	
PROVINCIAL HIGHWAY			983	3	190	790	5	275	
OTHER AREAS		0	198	1	39	158	2	49	
WATERLOO		**450,940**	**10,347**	**17**	**2,293**	**8,037**	**21**	**3,267**	**284,549**
ERIN, T		10,700	75	0	20	55	0	22	
GUELPH, C	M	92,130	1,680	5	624	1,051	5	973	
MINTO, T		7,120	35	0	4	31	0	14	
PROVINCIAL HIGHWAY			621	3	166	452	3	287	
OTHER AREAS		45,680	1,392	10	332	1,050	13	513	
WELLINGTON		**155,630**	**3,803**	**18**	**1,146**	**2,639**	**21**	**1,809**	**127,968**
AURORA, T		42,205	463	1	76	386	1	100	
GEORGINA, T		39,572	439	3	96	340	3	170	
E GWILLIMBURY, T		21,921	331	1	75	255	1	112	

Table 4.1 **Continued**

Location	Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Class of Collision: Personal Injury	Class of Collision: Property Damage	Persons: Killed	Persons: Injured	Motor Vehicle Registrations
KING, TP	19,698	418	2	103	313	2	159	
MARKHAM, T	213,175	3,196	6	560	2,630	6	811	
NEWMARKET, T	68,540	939	0	184	755	0	274	
RICHMOND HILL, T	135,996	1,813	3	315	1,495	3	456	
VAUGHAN, C	190,166	3,509	10	618	2,881	10	933	
WHITCHURCH STOUFFVILLE, T	22,602	262	0	58	204	0	90	
PROVINCIAL HIGHWAY		1,825	10	352	1,463	10	539	
OTHER AREAS	0	191	0	25	166	0	65	
YORK	**753,875**	**13,386**	**36**	**2,462**	**10,888**	**36**	**3,709**	**474,451**

Legend		Other Areas -	Jurisdictions
T	town		with less than
C	city		1,500 population
VL	village		and/or experienced
TP	township		amalgamations/name change after 1992
M	Municipal Police Force		

*** Sources: Municipalities, Ministry of Municipal Affairs and Housing, and Ontario Municipal Directory 2000.**

Population data in this table refers to persons residing in a municipality on a permanent basis.

** The number is adjusted to include vehicles that are not associated with a county or region in Ontario and by commercial vehicles that are simultaneously registered in Ontario and other jurisdictions.

Municipalities that experienced amalgamation, annexation or name change after 1992 are included in "other areas".

Table 4.1 is not comparable to previous years.

Table 4.1 **Continued**

Location	Estimated Population (2000)*	Total Collisions	Class of Collision: Fatal	Personal Injury	Property Damage	Persons: Killed	Injured	Motor Vehicle Registrations
KING, TP	19,698	418	2	103	313	2	159	
MARKHAM, T	213,175	3,196	6	560	2,630	6	811	
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OTHER AREAS	0	191	0	25	166	0	65	
YORK	**753,875**	**13,386**	**36**	**2,462**	**10,888**	**36**	**3,709**	**474,451**

Legend

T	town
C	city
VL	village
TP	township
M	Municipal Police Force

Other Areas - Jurisdictions with less than 1,500 population and/or experienced amalgamations/name change after 1992

*** Sources: Municipalities, Ministry of Municipal Affairs and Housing, and Ontario Municipal Directory 2000.**

Population data in this table refers to persons residing in a municipality on a permanent basis.

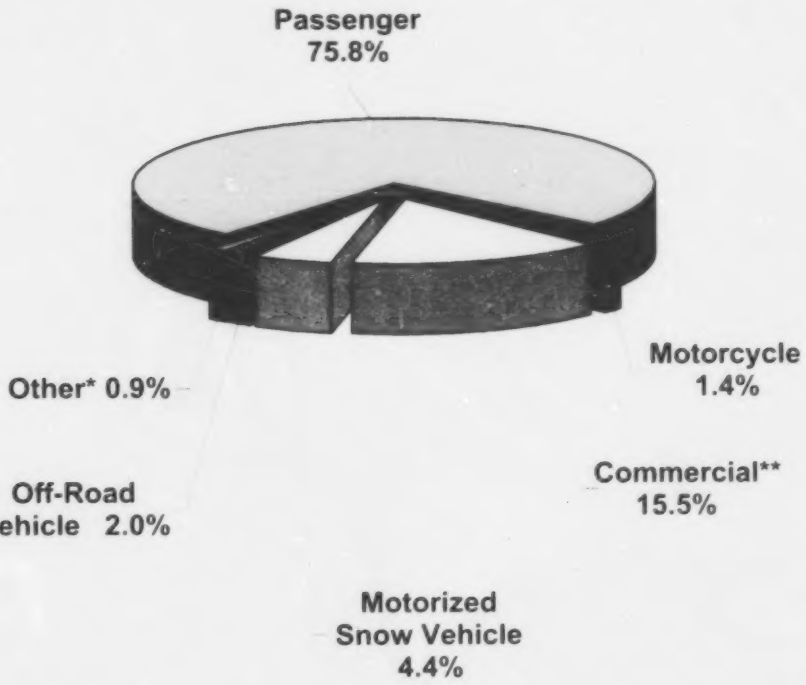
** The number is adjusted to include vehicles that are not associated with a county or region in Ontario and by commercial vehicles that are simultaneously registered in Ontario and other jurisdictions.

Municipalities that experienced amalgamation, annexation or name change after 1992 are included in "other areas".

Table 4.1 is not comparable to previous years.

5 The Vehicle

Vehicle Population by Vehicle Class in Ontario, 2000



*Other includes bus, school bus, road building machinery, permanent apparatus and farm trucks

** Commercial excludes Single Application Vehicle Registration (SAVR - 31,143 vehicles)

5a. Vehicles in Collisions

Table 5.1 **Vehicles Involved in Collisions 2000**

Type of Vehicle*	Number of Vehicles Involved in Collisions			Total
	Fatal	Personal Injury	Property Damage	
Passenger Car	729	77,536	231,369	**309,634**
Passenger Van	119	11,099	34,346	**45,564**
Motorcycle & Moped	43	1,402	695	**2,140**
Pick-up Truck	166	8,506	31,028	**39,700**
Delivery Van	27	1,973	7,379	**9,379**
Tow Truck	1	170	578	**749**
Truck	146	2,856	13,548	**16,550**
Bus	2	672	1,916	**2,590**
School Vehicle	4	225	996	**1,225**
Off-Road Vehicle	1	51	155	**207**
Snowmobile	4	47	63	**114**
Snow Plow	0	22	135	**157**
Emergency Vehicle	11	456	1,367	**1,834**
Farm Vehicle	6	81	165	**252**
Construction Equipment	2	43	223	**268**
Motor Home	0	18	115	**133**
Railway Train	5	30	30	**65**
Street Car	2	82	371	**455**
Bicycle	9	2,840	513	**3,362**
Other	0	0	0	**0**
Other Non-Motor Vehicle	2	167	410	**579**
Unknown	5	934	13,051	**13,990**
Total	**1,284**	**109,210**	**338,453**	**448,947**

*Categories in this table are not comparable to years prior to 1998

Table 5.2 **Condition of Vehicle by Class of Collision 2000**

Condition of Vehicle	Class of Collision			Total
		Personal	Property	
	Fatal	Injury	Damage	
No Apparent Defect	1,195	103,819	301,006	**406,020**
Service Brakes Defective	6	40	125	**171**
Steering Defective	1	5	14	**20**
Tire Puncture or Blow Out	5	20	52	**77**
Tire Tread Insufficient	1	11	30	**42**
Headlamps Defective	0	5	17	**22**
Other Lamps or Reflectors Defective	1	5	39	**45**
Engine Controls Defective	0	3	29	**32**
Wheels or Suspension Defective	0	11	36	**47**
Vision Obscured	0	11	36	**47**
Trailer Hitch Defective	0	5	5	**10**
Other Defects	12	789	5,514	**6,315**
Unknown	63	4,486	31,550	**36,099**
Total	**1,284**	**109,210**	**338,453**	**448,947**

Table 5.3 **Model Year of Vehicle by Class of Collision 2000**

Model Year of Vehicle	Class of Collision			Total
		Personal	Property	
	Fatal	Injury	Damage	
2001	12	752	2,893	**3,657**
2000	94	7,860	26,680	**34,634**
1999	112	8,406	28,394	**36,912**
1998	115	8,049	26,366	**34,530**
1997	76	7,238	23,394	**30,708**
1996	68	5,866	18,417	**24,351**
1995	81	7,087	21,997	**29,165**
1994	78	6,342	19,613	**26,033**
1993	72	6,429	19,727	**26,228**
1992	70	6,925	20,589	**27,584**
1991 and earlier	481	39,089	110,046	**149,616**
Unknown	25	5,167	20,337	**25,529**
Total	**1,284**	**109,210**	**338,453**	**448,947**

Table 5.4 Insurance Status of Vehicle by Class of Collision 2000

Insurance	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Insured	1,225	102,077	312,075	415,377
Not Insured	33	1,651	1,671	3,355
Unknown	26	5,482	24,707	30,215
Total	**1,284**	**109,210**	**338,453**	**448,947**

5b. Putting the Vehicle in Context

Table 5.5 Vehicle Population by Type of Vehicle 2000

Vehicle Class	
Passenger	5,663,736
Motorcycle	102,194
Moped	1,370
Commercial*	1,161,117
Bus	19,563
School Bus	8,814
Motorized Snow Vehicle	332,446
Off-Road Vehicle	152,570
Road Building Machinery	607
Permanent Apparatus	3,521
Farm Trucks	36,421
Total	**7,482,359**

* Excludes Single Application Vehicle Registrations (SAVR - 31,143 vehicles).

Table 5.6 Selected Types of Vehicles by Model Year 2000

Vehicle Class	Model Years											
	2001	**2000**	**1999**	**1998**	**1997**	**1996**	**1995**	**1994**	**1993**	**1992**	**1991+**	**Total**
Passenger	142,854	530,665	439,057	421,384	383,367	304,945	366,442	338,227	350,749	370,880	2,015,166	**5,663,736**
Motorcycle	661	9,686	7,397	4,915	3,917	3,232	2,538	2,404	2,613	2,179	62,652	**102,194**
Moped	12	92	63	10	11	8	6	9	8	4	1,147	**1,370**
Commercial*	25,911	100,410	91,005	85,495	70,988	53,937	69,878	65,016	52,029	52,669	534,328	**1,201,666**
Bus	509	2,276	2,427	2,001	1,611	1,960	1,887	1,327	1,552	1,894	10,933	**28,377**
Motorized Snow Vehicle	5,796	11,729	13,303	16,622	15,557	13,743	12,946	12,738	10,246	7,965	211,801	**332,446**
Off-Road Vehicle	4,649	13,328	9,969	6,700	4,794	5,573	5,391	4,407	5,290	4,998	87,471	**152,570**
Total	**180,392**	**668,186**	**563,221**	**537,127**	**480,245**	**383,398**	**459,088**	**424,128**	**422,487**	**440,589**	**2,923,498**	**7,482,359**

* Excludes Single Application Vehicle Registrations (SAVR - 31143 vehicles).

Table 5.7 **Vehicle Damage Level 2000**

Damage	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
None	68	11,246	22,495	**33,809**
Light	121	31,242	131,360	**162,723**
Moderate	149	28,811	112,715	**141,675**
Severe	180	22,583	33,974	**56,737**
Demolished	710	10,757	6,113	**17,580**
Other	56	4,571	31,796	**36,423**
Total	**1,284**	**109,210**	**338,453**	**448,947**

Vehicle Damage

None No visible damage.

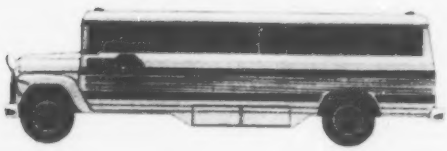
Light Slight or superficial damage. Includes scratches, small dents, minor cracks in glass that do not affect safety or performance of vehicle.

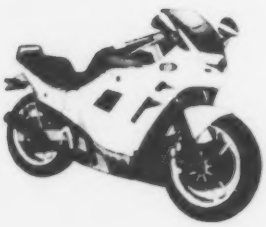
Moderate Unsafe conditions result from damage. Vehicle must be repaired to make its condition meet requirements of law. Vehicle can be driven off road or limited distance but doing so would be unsafe.

Severe Vehicle cannot be driven. Requires towing. Would normally be repaired.

Demolished Vehicle damaged to the extent that repairs would not be feasible.

6 Vehicles of Special Interest





6a. Motorcycles

Table 6.1 **Motorcyclists* Killed and Injured 1996-2000**

Year	Drivers		Passengers	
	Killed	Injured	Killed	Injured
1996	27	1,006	2	244
1997	36	993	2	255
1998	32	1,068	3	263
1999	38	1,115	3	226
2000	37	1,161	1	257

* Excludes moped drivers and passengers.

Table 6.2 **Selected Factors Relevant to Fatal Motorcycle Collisions 2000**

Factors (not mutually exclusive)	%
Unlicensed Motorcycle Drivers	0
Under 25 Years Old	41
Alcohol Used	
Ability Impaired Alcohol > .08	12
Had Been Drinking	15
Unknown	2
Helmet Not Worn (Fatalities)	17
Motorcycle Driver Error	
Speed Too Fast/Lost Control	59
Other Error	12
Single Vehicle Collisions	38
Day/Night	73/28
Weekend	43

6b. School Vehicles

Table 6.3 Pupils Transported Daily, Total Collisions and Injury Rate per 100,000 Pupils - School Years 1995/96-1999/2000

School Year	Pupils Transported Daily	Total Number of Collisions	Injury Rate per 100,000 Pupils	
			Fatal	Non-Fatal
1995/96	Not Available	1,091	Not Available	Not Available
1996/97	Not Available	1,046	Not Available	Not Available
1997/98	877,000*	835	Not Available	Not Available
1998/99	Not Available	903	Not Available	Not Available
1999/2000	Not Available	947	Not Available	Not Available

* Estimated number

Table 6.4 School Vehicle Type by Nature of Collision 1999/2000

School Vehicle Type	Nature of Collision				Total Number of Collisions	Five - Year Total (1995/96-1999/2000)
	Fatal	Pupil Injury	Non-Pupil Injury	Property Damage		
School Bus	3	57	83	655	798	4,167
School Van	0	9	15	41	65	368
Other School Vehicles	0	2	4	78	84	287
Total	**3**	**68**	**102**	**774**	**947**	**4,822**

Table 6.5 Pupil Injury by Collision Event and Vehicle Type 1999/2000 (Number of Persons)

School Vehicle Type	Collision Event						Total		Five - Year Total (1995/96-1999/2000)	
	Crossing Road		Within School Vehicle		Other					
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
School Bus	0	3	0	84	0	4	0	91	5	513
School Van	0	0	0	19	0	1	0	20	0	54
Other School Vehicles	0	0	0	1	0	0	0	1	0	8
Total	**0**	**3**	**0**	**104**	**0**	**5**	**0**	**112**	**5**	**575**

6c. Trucks

Table 6.6 Number of Persons Killed in Collisions Involving Trucks 1996-2000

Year	Persons Killed in Truck Collisions			
	Where Truck Driver Not Driving Properly	% Where Truck Driver Not Driving Properly	All Truck Collisions	% of Total Deaths
1996	40	24.8	161	17.3
1997	47	29.7	158	17.6
1998	37	28.2	131	15.3
1999	53	31.0	171	19.7
2000	43	28.7	150	17.7
Total	**220**	**28.5**	**771**	**17.5**

Table 6.7 Number of Trucks in All Classes of Collisions 2000

Truck Types	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Straight Truck	37	1,162	5,434	**6,633**
Straight Truck & Trailer	6	156	583	**745**
Tractor Only	14	268	1,733	**2,015**
Tractor & Semi-Trailer	74	1,142	4,857	**6,073**
"A-C" Train Double	1	28	86	**115**
"B" Train Double	4	67	207	**278**
Other/Unknown	10	203	1,226	**1,439**
Total	**146**	**3,026**	**14,126**	**17,298**

Table 6.8 Registered Trucks 2000

Driver Licence Required	Registered Trucks
G	1,040,414
D	48,184
A*	144,247 **
Total	**1,232,845**

* Tractor/trailer combination only.
** Includes vehicles registered under the SAVR system (31,143 vehicles).

Table 6.9 Selected Factors Relevant to Fatal Truck Collisions 2000

Factors in Fatal Collisions:	%
Drivers	
Alcohol Involved	0.7
Driving Properly	71.2
Collisions	
Single Vehicle	7.5
Weather Condition - Clear	76.2
Daylight	81.7
Vehicles	
Vehicle Defect Present*	4.2

* Excludes unknown category

Class G trucks refers to trucks that have a gross weight less than 11,000 kilograms e.g. pickups.
Data for truck/trailer combinations requiring Class "A" driver licence are not reported in the Vehicle Registration System (VRS).

6d. Off-Road Vehicles

For the purposes of this publication, off-road vehicles include dune buggies, off-road motorcycles (dirt bikes), and three-and four-wheeled all-terrain vehicles. Off-road vehicles were first required to be registered on June 1, 1984 (one- time registration requirement).

Table 6.10 Collision Location by Off-Road Vehicle Drivers Killed and Injured 1996-2000

Location	Killed					Injured				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
On-Highway	0	1	1	2	1	20	19	24	14	28
Off-Highway	5	3	2	3	6	46	41	49	44	71
Total	**5**	**4**	**3**	**5**	**7**	**66**	**60**	**73**	**58**	**99**

Table 6.11 Collision Location by Off-Road Vehicle Passengers Killed and Injured 1996-2000

Location	Killed					Injured				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
On-Highway	0	0	0	0	1	6	15	10	9	18
Off-Highway	0	1	0	0	2	9	19	23	17	24
Total	**0**	**1**	**0**	**0**	**3**	**15**	**34**	**33**	**26**	**42**

Table 6.12 Registered Off-Road Vehicles 1996-2000

Year	Vehicles Registered
1996	111,344
1997	117,438
1998	125,498
1999	136,832
2000	152,570

Table 6.13 Selected Factors Relevant to All Off-Road Vehicle Collisions 2000

Factors	%
Drivers Under 25 Years of Age	46
Alcohol Used	18
Speeding	22
Helmet Not Worn	53
Daytime	74
Two-Wheeled	8
Three-Wheeled	7
Four-Wheeled	85

6e. Motorized Snow Vehicles

Table 6.14 Collision Location by Motorized Snow Vehicle* Drivers Killed and Injured - Riding Seasons 1995/96-1999/2000

Location	Killed					Injured				
	95/96	96/97	97/98	98/99	99/2000	95/96	96/97	97/98	98/99	99/2000
On-Highway	3	2	2	2	3	73	72	22	41	22
Off-Highway	25	19	31	20	8	304	259	199	247	208
Total	**28**	**21**	**33**	**22**	**11**	**377**	**331**	**221**	**288**	**230**
% On-Highway	**11**	**10**	**6**	**9**	**27**	**19**	**22**	**10**	**14**	**10**

Table 6.15 Collision Location by Motorized Snow Vehicle* Passengers Killed and Injured - Riding Seasons 1995/96-1999/2000

Location	Killed					Injured				
	95/96	96/97	97/98	98/99	99/2000	95/96	96/97	97/98	98/99	99/2000
On-Highway	0	3	0	0	0	33	20	14	14	9
Off-Highway	2	2	2	3	2	103	61	69	81	63
Total	**2**	**5**	**2**	**3**	**2**	**136**	**81**	**83**	**95**	**72**

Table 6.16 Registered Motorized Snow Vehicles 1996-2000

Year	Registered Motorized Snow Vehicles
1996	361,596
1997	362,561
1998	363,737
1999	364,200
2000	332,446

Table 6.17 All Motorized Snow Vehicle Collisions 1999/2000

Factors	%
Unlicensed Operators	6
Rider Error; Speed too Fast	34
Alcohol Used	18
Surface Condition: Icy or Packed Snow	25

* The numbers in these tables are captured under the Motorized Snow Vehicles Act (MVSA) and the Highway Traffic Act (HTA), therefore, they are not comparable with the numbers in Tables 2.2 and 2.3, which are HTA reportable collisions only.

6f. Bicycles

Only collisions involving a bicycle and a moving motor vehicle or a streetcar are required to be reported. These tables do not include bicycle only, bicycle/bicycle, or bicycle/pedestrian collisions.

Table 6.18 Bicyclists Killed and Injured 1996-2000

	Drivers		Passengers	
Year	Killed	Injured	Killed	Injured
1996	20	2,863	0	109
1997	22	2,997	1	101
1998	36	2,994	0	136
1999	17	2,702	0	136
2000	9	2,694	0	105

Table 6.20 Selected Factors Relevant to All Bicycle Collisions 2000

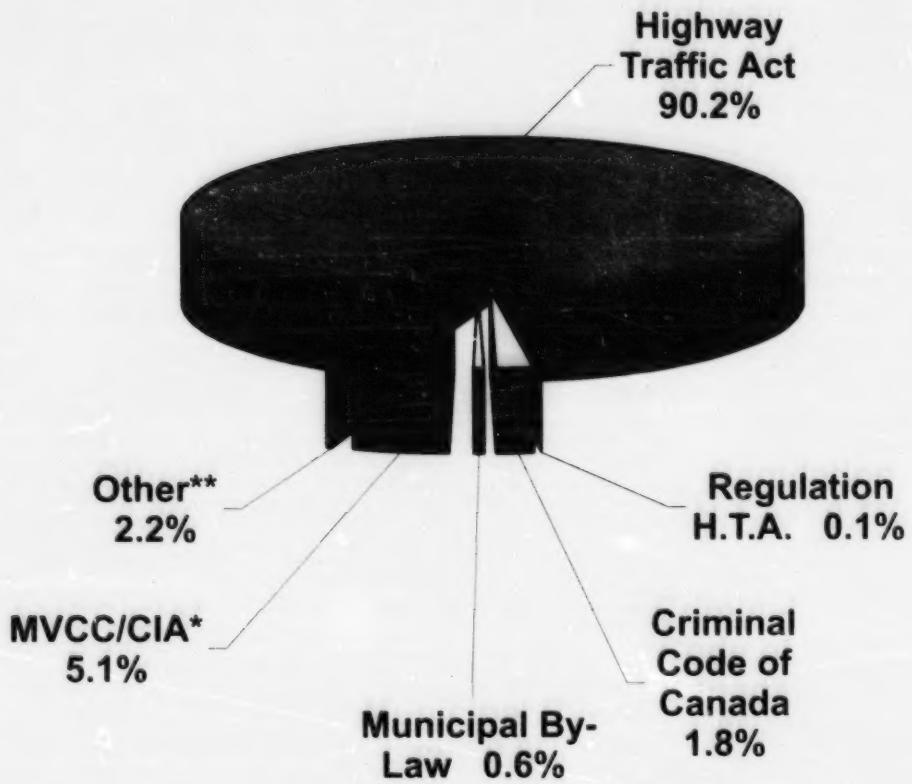
Factors	%
Driving Properly (Bicyclist)	39
Driving Properly (Motor Vehicle Driver)	50
Intersection Related	69
Going Ahead (Bicyclist)	82
Alcohol Related (Bicyclist)	3
No Apparent Vehicle Defect (Bicycle)	87
Clear Visibility	90
Weekend	20

Table 6.19 Age of Bicyclists Involved in Collisions by Light Condition 2000

Light Condition	Age Groups 0 - 5	6 - 15	16 - 30	31 - 60	61+	UK	Total
Daylight	0	1,976	115	273	325	39	**2,728**
Dawn	0	5	0	4	5	0	**14**
Dusk	0	104	3	11	14	1	**133**
Dark	0	357	10	62	56	0	**485**
Total	**0**	**2,442**	**128**	**350**	**400**	**40**	**3,360**

7 Conviction, Offence and Suspension Data

Per Cent of Motor Vehicle Convictions in Ontario, 2000



* Motor Vehicle Collision Claim / Compulsory Insurance Act
** Other includes Motorized Snow Vehicles Act and Off-Road Vehicles Act

7a. Conviction Data

Table 7.1 Summary of Motor Vehicle Related Convictions 2000

Convictions*	Number
Highway Traffic Act	996,376
Regulations under the H.T.A	1,011
Criminal Code of Canada**	20,083
Municipal By-Law	6,787
Motor Vehicle Collision Claim/Compulsory Insurance Act	56,204
Motorized Snow Vehicles Act	1,711
Off-Road Vehicles Act	1,142
Out of Province Exchange (HTA)	21,673
Total	**1,104,987**

* Includes manually recorded convictions.
** This figure does not include 593 convictions for young offenders under the Criminal Code.

Table 7.2 Motor Vehicle Convictions Related to the Highway Traffic Act 2000

Convictions	Number
Equipment	17,932
Administrative*	122,800
Seat Belt (Driver & Passenger)**	58,635
Other Non-Pointable Convictions ***	14,747
Speeding	623,041
Other Pointable Convictions (2 - 4 pts)	140,157
Other Pointable Convictions (5 - 7 pts)	8,914
Driving While Suspended	10,150
Total	**996,376**

* Non-moving, weight, vehicle registration, licence renewal, etc..
** Failure to wear seat belt convictions registered again passengers over 16 are no longer included.
*** Now includes some out-of-province convictions.

Table 7.3 Motor Vehicle Convictions Related to the Criminal Code 2000*

Convictions	Number
Alcohol Related**	16,476
Criminal Negligence	19
Fail to Remain at Collision	635
Driving While Disqualified	1,980
Dangerous Driving	973
Motor Manslaughter	0
Total	**20,083**

* Does not include 593 convictions for young offenders.
** Includes some out-of-province convictions.

7b. Offence Data

Table 7.4 Number of Drivers* Convicted with Criminal Code of Canada Offenses, During the Specified Years

Conviction Type	1995	1996	1997	1998	1999
Criminal Negligence	40	39	29	26	25
Fail to Remain	726	1,104	543	429	225
Dangerous Driving	1,197	656	1,008	1,121	905
Impaired Driving	12,699	12,233	10,151	9,386	8,673
Blood/Alcohol over 0.08	9,103	8,978	7,787	7,099	6,644
Fail to Provide Breath Sample	1,580	1,532	1,311	1,243	1,257
Driving While Disqualified	2,472	2,660	2,311	2,285	1,924
Total	**27,817**	**27,202**	**23,140**	**21,589**	**19,653**

* The same driver can be represented in this table more than once.
As of March 31, 2001, there were 14,269 Criminal Code offences recorded for 2000. The 2000 breakdown will be updated in the 2001 annual report to accommodate the lag time in the recording of offences (offences are only recorded upon conviction).

Table 7.5 Adminstrative Driver License Suspension
Monthly Suspensions Issued 2000*

Suspensions	1996	1997	1998	1999	2000
January	-	1,310	1,337	1,352	1,550
February	-	1,595	1,471	1,567	1,487
March	-	1,898	1,608	1,664	1,662
April	-	1,810	1,681	1,592	1,799
May	-	2,068	1,801	1,763	1,634
June	-	1,978	1,665	1,531	1,646
July	-	1,887	1,665	1,720	1,854
August	-	1,450	1,750	1,660	1,808
September	-	1,679	1,609	1,570	1,699
October	-	1,747	1,663	1,839	1,724
November	-	1,769	1,617	1,686	1,624
December	2,013	1,820	1,810	1,760	1,879
Total	**2,013**	**21,011**	**19,677**	**19,704**	**20,366**

* The Administrative Driver's Licence Suspension (ADLS) started in Ontario on November 29, 1996. The first complete month of suspensions shown in this table is, therefore, December, 1996.

From August 5th to 15th, 1997, ADLS suspensions were not issued due to cessation in ADLS.

Re-issuing of suspensions resumed on August 15, 1997.

See Appendix for details on the ADLS.

Table 7.4 has been revised to report the number of drivers that committed a specific Criminal Code Offence (CCC) in the specified year. This table is not comparable to Table 7.4 from years prior to 1998.

7c. Suspension Data

Table 7.6 Demerit Point Suspensions by Driver Age 2000

Driver Age	Demerit Point Suspensions				
		Novice First	Novice Second	Regular First	Regular Second
	Probationary	Accumulation	Accumulation	Accumulation	Accumulation
16	0	0	0	0	0
17	0	38	0	0	0
18	0	263	11	3	0
19	0	549	22	12	0
20-24	11	1,979	188	371	14
25-34	24	523	56	643	44
35-44	8	188	13	317	16
45-54	4	48	3	114	4
55-64	0	6	0	48	3
65-74	0	3	0	9	0
75 +	0	0	0	5	0
Total	**47**	**3,597**	**293**	**1,522**	**81**

Since 1994, novice drivers have been under the new Graduated Licensing System. These drivers are subject to escalating actions, from a warning letter at 2 to 5 points, an interview at 6 to 8 points and a 60-day suspension for a first accumulation of 9 points. After a first suspension, the points are reduced to 4 and if they attain 9 points again, the subsequent suspension is 6 months.
Drivers who have obtained a full Class G licence are suspended for 30 days on the first accumulation of 15 demerit points and are suspended for 6 months on the second accumulation of 15 points within 2 years.

Until 1994, newly licensed drivers were covered by the probationary licence system until they had successfully completed two one-year periods of suspension-free driving. Probationary drivers were suspended for 30 days after accumulating 6 or more demerit points. The probationary licensing system ended on March 31, 1994. Drivers were grandfathered into the new Graduated Licensing System.

8 Appendix

8a. Glossary

Ability Impaired-Alcohol:
Driving while one's ability is impaired by alcohol or driving with a blood alcohol concentration exceeding 80 milligrams in 100 millilitres of blood.

Administrative Driver's Licence Suspension (ADLS):
This program, designed to reduce drinking and driving, started November 29, 1996. Under this program, provincial law permits the immediate suspension of a driver's licence for 90 days upon evidence gathered by a police officer that the driver (a) was shown to have a concentration of alcohol in excess of 80 milligrams per 100 millilitres of blood or (b) the driver failed or refused to provide a breath or blood sample.

Alcohol Involved:
This category includes both drivers reported as ability impaired by alcohol and drivers reported as "had been drinking".

Class G1 Driver's Licence:
A holder of a Class G1 driver's licence:

- must have a zero blood alcohol content while driving.
- must have only one passenger in the front seat. That person, the accompanying driver, must be a fully licensed driver (Class A, B, C, D, E, F and G) with at least four years driving experience. That person's blood alcohol content must be less than .05.
- unless accompanied by a licensed driving instructor, must not drive on Ontario's "400-series" highways or on high speed expressways such as the Queen Elizabeth Way, the Don Valley Parkway, E.C. Row Expressway and the Conestoga Parkway.
- must limit the number of back seat passengers they carry to the number of seat belts in the back seats of the vehicle.
- must not drive between the hours of midnight and 5 am.
- may drive Class G vehicle only.

Level One lasts 12 months, but that time can be reduced to eight months by completing an approved driver education course. For information about approved courses, contact any Ministry of Transportation licensing office. At the end of this level, drivers must pass a road test before proceeding to Level Two.

Class G2 Driver's Licence:
A holder of a Class G2 driver's licence:

- must have a zero blood alcohol content while driving.
- is allowed to drive any motor vehicle that requires a Class G driver's licence (e.g. an automobile) on the road.
- must limit the number of back seat passengers they carry to the number of seat belts in the back seats of the vehicle.

Level Two lasts 12 months. After completing this level, drivers will be eligible to take a comprehensive test to qualify for full licence privileges.

Class M1 Motorcycle Driver's Licence:
A holder of a Class M1 motorcycle driver's licence:

- allows the holder to operate a motorcycle for the purposes of training.
- must have a zero blood alcohol content while driving.
- is only allowed to drive during daylight hours (one-half hour before sunrise to one-half hour after sunset).
- is only allowed to drive on roads with speed limits of 80 km/h or less, except where there is no other route you can drive. You may drive on highways 11, 17, 61, 69, 71, 101, 102, 144, and 655.
- may not carry passengers.

Level One lasts at least 60 days, and the licence is valid for 90 days. Level One drivers must pass a motorcycle road test before proceeding to Level Two. Alternatively, during Level One they may take an approved motorcycle safety course that includes a road test, instead of the ministry road test.

Class M2 Motorcycle Driver's Licence:
A holder of a Class M2 motorcycle driver's licence:

- must have a zero blood alcohol content while driving.

After completing Level Two, drivers will be eligible to take a comprehensive test to qualify for full licence privileges.

Conviction:
Registered when a person pleads guilty to, or is found guilty of, an offence related to a motor vehicle under any Act of the Ontario Legislature or its accompanying regulations, under the Parliament of Canada or any accompanying order, or under any municipal bylaw.

Driver:
Unless specified otherwise, any person, whether licensed or not, considered to be in care and control of a vehicle at the time of a collision.

Had Been Drinking:
Driving after having drunk an amount of alcohol not considered sufficient to be legally impaired or with a measured blood alcohol count of greater than zero but less than 80 milligrams per 100 millilitres of blood. Blood alcohol concentration between .05 and .08 results in a 12-hour suspension.

Highway:
A common and public highway, street, avenue, etc., any part of which is intended for public use or used by the general public for the passage of vehicles and including the area between the property lines.

Kilometres Travelled:
Prior to 2000 Vehicle fleet mileage was estimated on the basis of taxed gasoline and motor fuel sales. Total litres sold were converted to kilometres travelled based on a conversion factor of 22.0 kilometres per gallon. Starting in 2000, vehicle kilometres travelled are based on estimates provided by Statistics Canada and Transport Canada.

Major Injury:
A non-fatal injury severe enough to require that the injured person be admitted to hospital, even if for observation only.

Minimal Injury:
A non-fatal injury, including minor abrasions and bruises, which does not necessitate the injured person going to a hospital.

Minor Injury:
A non-fatal injury requiring medical treatment at a hospital emergency room, but not requiring hospitalization of the involved person.

Motor Vehicle Collision:
Any incident in which bodily injury or damage to property is sustained as a result of the movement of a motor vehicle or of its load while a motor vehicle is in motion.

Off-Highway Collisions:
An off-highway collision involving any of the motorized vehicles which are covered by legislation under the Highway Traffic Act, the Motorized Snow Vehicles Act, and the Off-Road Vehicles Act.

On-Highway Collisions:
A motor vehicle collision which occurs on the highway between the property lines.

Pedestrian:
Any person not riding in or on a vehicle involved in a motor vehicle collision.

Fatal Collision:
A motor vehicle collision in which at least one person sustains bodily injuries resulting in death. Prior to January 1, 1982, fatal collision statistics included deaths attributed to accidental injuries up to one year after the collision. Since that date, only deaths from injuries within thirty days of the collision have been included.

Personal Injury Collision:
A motor vehicle collision in which at least one person involved sustains bodily injuries not resulting in death.

Property Damage Collision:
A motor vehicle collision in which no person sustains bodily injury, but in which there is damage to any public property or damage to private property* including damage to the motor vehicle or its load.

Reportable Collision:
Any collision involving injury, or damage to private property in excess of a monetary value prescribed by regulation.*

Self-Reporting of a Collision:
Self-reporting of a collision. Under a new section of the Highway Traffic Act [s.199 (1.1)], when one is in a collision in which there is only property damage (no injury or death, and, among other conditions, no criminal activities such as impaired driving) the involved person(s) may report the collision immediately by proceeding with one's vehicle to a Collision Reporting Centre. Self-reporting of a collison was introduced on January 1, 1997.

Suspension:
Withdrawal of a drivers' privilege to operate a motor vehicle for a prescribed period of time.

* The minimum reportable level for property damage only collisions rose from $200 to $400 on January 1, 1978, and rose again to $700 on January 1, 1985. As of January 1,1998, the minimum reportable level for property damage only collision is $ 1,000.

8b. Acknowledgements

The Ministry of Transportation would like to acknowledge the following for their assistance:

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Ministry of the Solicitor General

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Motor Fuels and Tobacco Tax Branch
Ministry of Finance

Knowledge Management Unit
Information Planning and Evaluation Branch
Ministry of Health and Long Term Care

Information Planning & Court Statistics
Program Development Branch
Ministry of the Attorney General

Ministry of Education

Ministry of Municipal Affairs and Housing

Police Officers of Ontario